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A

CATALOGUE

OF THE

COLLECTION OF FOSSILS

IN THE

MUSEUM OF PRACTICAL GEOLOGY,

WITH AN EXPLANATORY INTRODUCTION.

BY

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NOTICE.

THIS Catalogue of the Fossil Collections in the Museum of Practical Geology has long been a desideratum in an establishment which is designed to illustrate the Maps of the Geological Survey by the exhibition of the genera and species of organic remains, which characterize each British formation and its subdivisions.

This object has been realized by the labours of Professor Huxley and Mr. Etheridge in a manner which reflects the highest credit on them.

RODERICK I. MURCHISON,
Director-General of the Geological Survey of the United Kingdom.

Jermyn Street,
April 1865.

6500.

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Cainozoic Division.

EXPLANATORY PREFACE

TO THE

CATALOGUE OF THE PALÆONTOLOGICAL COLLECTION

IN THE

MUSEUM OF PRACTICAL GEOLOGY.

§ I.—*Preliminary Considerations.*

The formation of the collection of fossils in the Museum of Practical Geology has been a necessary result of the operations of the Geological Survey of Great Britain, whose officers have been engaged for many years past in determining the structure of the British islands ; that is, in ascertaining what is the nature and the order of superposition of the various irregular masses or regular "strata,"* piled one upon another, which compose these, like all other parts of the earth's crust.

If rocks and stones were soft and easily cut nothing would be easier than the solution of these questions. It would be merely necessary to make a sufficiently deep vertical cutting of the country in any required direction, and the true order of the beds would be at once visible on the walls of the section. But, it is needless to say, that in practice, cutting into rocks is a very difficult and a very expensive operation ; and that the making of such artificial sections as these, for geological purposes, is wholly out of the question. The geological surveyor is, therefore, obliged to trust very largely to the accidental occurrence of natural sections, such as are afforded by the sea cliffs, or the scarped hills, which may occur in his line of work, and to such artificial aids as are incidentally yielded by the sinking of shafts or the cutting of railroads.

It becomes, consequently, of essential importance to him to possess a means of identifying the beds which he finds in one section with those in another. Similarity or dissimilarity of mineralogical composition will not always help him, as this quality not only varies in the same stratum, but is similar in widely different strata; so that beds of limestone in

* *Stratum.* A single layer of the earth's crust, whatever its composition, is technically termed a stratum. For simplicity's sake, the often highly irregular masses of igneous rock which enter largely into the composition of the earth's crust, and which might not technically be termed "strata," may be left out of consideration.

one place may correspond as regards age and position with sandy or clayey strata elsewhere. On the other hand, the continuity of a stratum between any two points examined would be clear and decisive as to its identity at the two points, but this evidence, for the reasons just stated, is but rarely attainable; and where, as so frequently happens, the strata have been disturbed from their original position, widely separated, or partially destroyed, between the two points, it becomes hopeless to seek for any such proof. Were there no other test of the nature of a stratum at any given point than its mineral character, and its continuity with some other stratum whose place in the series was known, we might have a series of local topographies, but no science of geology; nor could those great laws ever have been established by which the geologist, acquainted with the surface rock of a country, is enabled to predict with much confidence what may, and what cannot, be found beneath it.

These laws are in truth entirely based on the study of the "fossils" contained in the rocks; it is upon this science of fossils, or "Palæontology,"* that another and most important method of determining the nature and order of the strata rests. Universal experience has shown that every series of strata contains assemblages of fossils which are peculiar to and characteristic of it; which are usually found in it, and never found out of it; and observation has further demonstrated that the strata thus characterized are arranged in an order of superposition which is everywhere constant. It follows, therefore, that the fossils contained in a stratum of rock are capable of revealing to us, at once, the position of that stratum in the whole series, and of informing us what lies above and what below it.

A common example will illustrate the practical value of the information thus obtained.

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* *Palæontology.* Derived from three Greek words, signifying "ancient" and "being" and "discourse." The science of ancient beings.

It is shown by experience that in these islands extensive beds of good workable coal are never found below that particular series of strata termed, collectively, the "carboniferous formation." Nevertheless, fossilized vegetable matters occur in other strata, and have not unfrequently misled owners of estates into undertaking ruinously expensive and wholly fruitless mining operations, which would never have been commenced had they availed themselves of the information afforded by the fossils of the surface rocks. For it is clear that a preliminary examination of these fossils will show at once whether they belong to strata below the carboniferous rocks or above them. If the former be the case, then the sinking a shaft is absurd, as every blow of the pickaxe must take the miner, in reality, further away from the object of his search; if the latter, on the other hand, success is at any rate possible, though the expediency of making the attempt will depend upon many contingencies.

Now it is clear that, if the fossils contained in the rocks constituting the surface in every district of Great Britain had been examined, it would be possible, by colouring a map of these islands, in such a manner that all those parts whose fossils indicated their inferiority to the carboniferous formation should be blue, and all those which lay above it should be red, to indicate at once to the miner where his search for coal might possibly be successful, and where it must necessarily fail. And furthermore, if the fossils on which the colouring was based were placed in a Museum for public inspection, it would be open to every one to examine for himself the evidence on which the map stood, and to satisfy himself of the accuracy of this part of the work of the surveyors.

What is here supposed to be done with reference to this one set of beds—the carboniferous formation—has, in effect, been performed by the labours of the Geological Surveyors of Great Britain for all the strata which enter into

the composition of the British islands. The place where each constitutes the surface rock is marked by an appropriate colour on the maps of the Survey. The fossils which have served as the standards of comparison in determining the nature of the strata are open to general inspection in the Museum of Practical Geology. In one sense, therefore, the collection of fossils is simply the product of, and key to, the maps of the Survey.

Important as it is, however, to the welfare and prosperity of the country, that an accurate record should exist of the composition of its share of the earth's crust, whence the miner, the metallurgist, and the mineralogist, extract so many products of the utmost value to man, and, indeed, indispensable to the maintenance of his present complex state of civilization; to suppose that this immediate and so-called "practical" object of the collection is the only, or even the most important end that it subserves, would be as great an error as that of the barbarous Oriental, who sees nothing but a convenient stone quarry in those massive pyramids, on whose walls the instructed Eastern traveller reads the history of an ancient world, and learns the more, the more knowledge and capacity he brings to the inquiry. In truth, the history, not merely of one, but of a series of ancient worlds, is written upon the rocks which compose the solid coating of the globe, in signs the meaning of which is decipherable with far more ease and certainty than that of hieroglyphic or cuneiform inscriptions; or we might say that, as it is the custom in these times to deposit the coins and medals of the age under the foundation stones of a building, so the Great Artificer has, as he laid each course of stone in the world's foundations, deposited coins and medals of *his* striking,—the remains of the then existing system of organic life; the bones and shells of the contemporaneous living beings.

But a history in an unknown tongue can be profitable only to those who will take the trouble to acquire a knowledge

of the construction of the language, and of the signification of its words and signs. Now, Natural History—or the science of the structure and habits of living beings—is the grammar and dictionary of the language of fossils. To understand all that fossils teach, natural history must have been the study of a life; but a clear comprehension and careful recollection of a few of its simpler principles will be sufficient to enable a person of intelligence, unversed in science, to apprehend the wider bearings of the collection. To afford this assistance is the sole object of the present Explanatory Preface. It is intended to awaken even the casual visitor to a sense of the profoundly interesting problems which the collection forces upon our consideration; to enable him to comprehend how it is that the naturalist reads here, as plainly as if it were stated in to-day's paper, and with considerably more faith than he would place in any mere human affirmation, that the earth has undergone a great series of changes, stretching over enormous periods of time; that its living population has not always been what it is now, but that the present kinds of animals and plants have been preceded by others widely differing from them, and these by others, and so on, for an indefinite series of alternations; that these changes have been accompanied by constant alterations in climate and in the level of the land and sea; finally, that the period of time of which these records furnish the history is inconceivably immense.

These are weighty articles of belief, and nothing can seem, at first, to be less likely than that the accumulation of oddly marked and shaped stones, which are visible on the shelves around, should contain abundant evidence of their validity and truth; but so it is. How it is, will be rendered clear by what follows.

§ II.—*Brief Exposition of those principles of Natural History which are of most importance to the understanding of fossils.*

It has been stated that natural history is the key to palæontology, and hence, before attempting to learn the meaning of fossils, it is necessary to be acquainted with those principles of biological science which bear most directly upon the subject.

1. The most important of all the generalizations of natural history, and, indeed, one of the most brilliant additions which the progress of modern science has made to human knowledge, is the law that all animals and plants, however infinitely various their forms may seem to be, are, in reality, constructed upon a very few plans; in other words, that the parts of animals and plants are associated and arranged according to certain fixed laws.

Thus, to select an example from the animal kingdom. There is an immense variety of hoofed ruminating animals; antelopes, sheep, oxen, deer, giraffes, camels; but notwithstanding the extreme difference in the aspect of these well-known creatures, the anatomist discovers that they exhibit a great number of common characters. Thus; *a.* All possess a backbone, or vertebral column, separating the great centres of the nervous system from those of the alimentary and circulatory apparatus, and the latter is situated on the ventral, front, or downward face of the body; none have more than two pairs of limbs; the chief central nervous system is not pierced by the alimentary canal. *b.* All have a heart with four cavities; possess lungs and a midriff or diaphragm; and have two facets on the hinder part of the skull, for articulation with the foremost bone of the spinal column. In all, each half of the lower jaw is in a single piece, and is articulated directly with the skull by a convex head; they all possess mammary glands for suckling their young. *c.* The teeth are in all more or less deficient in

the front part of the upper jaw; they all possess complex stomachs, and not more than two completely developed long bones in the middle region of the fore and hind feet.

It would be easy to make a drawing embodying all these peculiarities, and that drawing would stand in precisely the same relation to the group of "ruminants" (technically called "*Ruminantia*") as the ground-plan of a single house does to the street which the architect means to build of houses of that size and general form. The superstructure of each house may, if the architect pleases, be totally different in style, without in any way interfering with his general plan, and similarly, in each particular ruminant, the common plan is preserved, while the details of the "elevation," the size, the figure, the proportions, the ornamentation in the way of colour and horns, vary to an immense extent.

Having thus acquired a notion of the "common plan" of the *Ruminantia*, it will be found, on turning to other equivalent groups or "orders" of the *Mammalia* (or animals which suckle their young), that a corresponding common plan may be found for each; and when all these common plans are compared together, it will be discovered that there are certain respects in which they agree. All *Mammalia*, in fact, possess the anatomical characters enumerated under the preceding heads *a* and *b*. Hence, a drawing exhibiting these features would serve as a "common plan" of the *Mammalia*, and the common plans of the orders of mammals, *Ruminantia*,* *Carnivora*, &c., might be regarded as modifications of the plan of all mammals, in the same sense as each ruminant is a modification of the common plan of all ruminants. But now, if we were to extend our researches further, and compare mammals with birds,

* Strictly speaking the group *Ruminantia* is only a part of the modern order *Artiodactyla*, but it was convenient here to use the term in its old sense and value.

reptiles, amphibia, and fishes, we should discover a still more remarkable fact, viz., that all these creatures, and only these of all living things, possess the characters enumerated under the first head. Hence a drawing or diagram embodying these characters would represent the common plan of these amimals—which are collectively termed the *Vertebrata;* and it would stand in the same relation to the common plans of birds, mammals, reptiles, amphibia, and fishes, as the ruminant plan did to oxen, sheep, and antelopes.

By carrying investigations of this kind into the rest of the animal kingdom it has been shown that every animal whatsoever is a modification of one or other of five great common plans :—the plan of the VERTEBRATA, that of the ANNULOSA, that of the MOLLUSCA, that of the CŒLENTERATA, and that of the PROTOZOA.

It is most important, however, not to form a wrong idea as to the real import of these "common plans." We must regard them simply as devices by which we render more clear and intelligible to our own minds the great truth that the parts of living bodies are associated together according to certain definite laws. Why it is that an animal which suckles its young should invariably possess a double articular surface at the back of its skull, should have the articular surface of its lower jaw convex or flat and not concave, and should always be provided with hairs, and never with feathers, we know as little as why the earth turns from west to east, and not from east to west; but if the morphological law which expresses this invariable co-existence, or correlation, of organic peculiarities has been as regularly verified by our experience as the astronomical law, we may, for all practical purposes, reckon as securely upon the constancy of the one relation as upon that of the other.

It is, indeed, remarkable to how great an extent we *may* depend upon these laws, and how seemingly unimportant,

and, in the present state of physiology, inexplicable, many of the most constant correlations of animal parts are. Thus the profoundest of "teleologists"* will, probably, hesitate to attempt to account, by any physiological reasoning, for the above stated invariable occurrence of true hairs in those animals only which suckle their young and have two occipital condyles; but, nevertheless, if a single hair be placed before a naturalist, he will be able, in many cases, not only at once to decide that the animal to which it belongs possesses a backbone, has four limbs, suckles its young, has a heart with four distinct cavities, possesses lungs; but he may be able to go into minute details as to the structure of its brain, and the arrangement and number of its teeth. How does he know these things? Simply because experience teaches him that the structure of the hair in question is found as a constituent part of only one particular plan of organization, and therefore may be depended upon as an indication of all the other peculiarities of that plan. Just as when a particular characteristic fossil is found we may predicate what other fossils will be found in the same bed, without having the least idea of the why and the wherefore of the association; so the apparently trivial and unimportant hair indicates, we know not why, all the other structural peculiarities which experience shows to be associated with it. We shall find the application of these truths bye and bye, in considering the methods by which fossils are determined.

Important consequences flow from the fact that the forms of living beings are modelled upon common plans, and from the kind of relation which exists between any actual form and its plan. Thus the vertebrate plan, as has been seen, undergoes five modifications, each of which constitutes

* "*Teleology*," the doctrine of final causes. "*Teleologist*," one who seeks for the final causes of phenomena.

the common plan of a large assemblage of animals—of mammals, of birds, of reptiles, of amphibians, and of fishes; and if we select any one of these subordinate plans, we find it again modified so as to constitute the plans of the minor subdivisions of these great assemblages. The reptilian plan is modified in one way to form the plan of the turtle tribe, in another to constitute that of the crocodiles, in another that of the lizards, of the snakes, and so forth. And, in like manner, the common plan of any great division of the animal kingdom is seen, in nature, to be modified into a series of more and more altered and specialized plans, each of which is common to the members of a progressively smaller subdivision of the group, until at length we arrive at the smallest assemblage of beings which can be said to possess a particular common plan; or, in other words, which exhibits characters common to all its constituents, and not possessed by those of any other group.

It is by reason of these singular relations among the forms of living beings that what is termed a "natural classification" is possible. In the ordinary business of life, whenever it is necessary to recollect and have at command a multiplicity of objects, we "classify" those objects; we arrange them in groups or packets distinguished by particular marks and having a particular order. Thus it is that the merchant arranges his wares, the librarian his books, the lawyer his papers; and the naturalist, in like manner, would find it utterly impossible to grapple with the details of the two or three hundred thousand distinct forms of living beings which are the object of his study, unless he could in some way classify and arrange them.

Now the aim of classification may vary. Many persons imagine that Natural History is the knowledge of the names which have been affixed to animals and plants by men of science; and the wish of such persons is to have a classification so contrived as to enable them, with the least possible trouble, to ascertain what name has been affixed to

an object, or, better still, to determine that no name has been given to it, when they have the satisfaction of baptizing it themselves. These "Naturalists," necessarily, desire in a classification only a good index and dictionary of the names of animals and plants, and it matters not by what marks they designate their groups, so long as those marks are easily discoverable and readily remembered. Thus, plants might be divided according to the number of stamens in the flower, while animals might be classed according to the number of their teeth, the shape and number of their legs, &c.; and arrangements of this kind, if skilfully made, might have no small value and use in helping us to discover what animals and plants are, and what are not known; but it is clear they would be purely arbitrary; there would be no necessary relation between the members of the various groups beyond the single point in which they agree; in other words the classification would be "artificial" and not "natural."

But the low conception of the objects of the science of Natural History, from which such artificial classifications flowed, has given place to other and higher views, and with it all artificial systems have become exploded, or relegated to their proper place as mere aids to the memory. The naturalist of the present day, in fact, stands to him of the past in the relation of a Niebuhr, a Hallam, or a Guizot, to the gossiping compiler of a *chronique scandaleuse*, or, at best, to a Froissart or a Burnett. Without despising the importance of a knowledge of the names and habits of living beings, he sees beyond this, and overruling it, a higher and a nobler aim—the investigation of the laws of life, of the principles discoverable amidst the multiform structures of living beings, and of the relations in which they stand to one another and to the surrounding universe.

For such objects an artificial classification is useless, if not obstructive. The laws of life can only be obtained by observation of the facts of life and generalization from

those facts, and the philosophical naturalist seeks that classification which shall best enable him to remember facts and generalizations already won, and shall most efficiently assist him to obtain others.

As Cuvier has well expressed it, modern classification endeavours to throw the facts of the structure of living beings into the fewest possible general propositions. Each living being, therefore, has been compared with all others, and those from which it is not separated by any constant difference are grouped together as one "species." The different species have next been compared, and those which agree in some one or more characters, while they differ from all others in these characters, are arranged into a larger group, called a "genus." By a like procedure, genera have been grouped into "families;" these into "orders;" orders into "classes," and classes into "sub-kingdoms," which last are the primary subdivisions of the animal and vegetable "kingdoms" respectively.

The resemblances and differences upon which these groups are founded, being based on a comparison of the whole organization of living beings, are thorough and fundamental, and, as it were, indicated by nature herself. Hence this mode of classification has been termed "natural," in contradistinction to those previously referred to, the divisions of which are founded on insulated and superficial relations.

But it is obvious that if animals and plants were not constructed upon common plans, it would be impossible to throw them into groups expressive of their greater or less degree of resemblance, such as those of the natural classification. In fact, the doctrine of "common plan" and of "natural classification" are but two ways of expressing the great truth, that the more closely we examine into the inner nature of living beings, the more clearly do we discern that there is a sort of family resemblance amongst them all,

closer between some, more distant between others, but still pervading the whole series.

There is yet another way in which this doctrine has been expressed. In every group there is some average form; some form which occupies a sort of central place, around which the rest seem to arrange themselves; and this form may therefore be taken as the representative of the group, as the nearest actual embodiment of the common plan. Such a form is commonly called the TYPE of the group, and in this sense an antelope might be termed the Type of the *Ruminantia;* a dog, of the *Carnivora.* It is in this sense that the word "Type" will be used in these pages; but it is proper to remark that the term is not uncommonly applied to the most characteristic and marked form of a group. In this sense a cat rather than a dog would, perhaps, be selected as a typical carnivore.

The phrase "family resemblance" has been used above; and it, perhaps, expresses better than any other, the sort of likeness which exists amongst the members of a natural group; specific and generic alliance having the same sort of relation as brotherhood and cousinhood. But it is important to remember that the classification of animals and plants stands on its own basis, and is entirely independent of physiological considerations. For the purposes of the classifier it is wholly immaterial whether, as some maintain, "species" are immutable, and have taken their origin independently of one another, directly from the hand of the Creator; or whether, as others think, they are indefinitely modifiable, and have all resulted from the changes induced by external influences upon some common stock. If all forms of living beings were fossil, and we knew nothing about life, the natural classification of animals and plants would be exactly what it is now; except as it might be affected by the resulting deficiencies in our knowledge. At the same time, the inquiry into the permanence or

modifiability of species is, in itself, of the highest importance and interest; and it will be necessary to advert to the bearings of the little definite evidence we at present possess upon the subject, in some of the following pages.

2. *The characters of the sub-kingdoms and classes of the Animal Kingdom.*—A verbal statement of the distinctive characters of a group of animals, or a "definition" of that group, is a description of the "common plan" of structure of its members, and may be made for all groups but with different degrees of precision and completeness according to our knowledge of the group, which is sometimes full and accurate, sometimes scanty and vague. In the latter case it becomes necessary to substitute for a definition of a group, a description in its typical form.*

The typical forms of the sub-kingdom, which contains the smallest, humblest, and least complex forms of animal life, the allies of the sponge and the infusory animalcule, called the PROTOZOA, are too small to be visible with the naked eye. The *Gregarina*, type of the GREGARINIDA, is a parasite which abounds in the intestines of many of the lower animals. It consists of nothing but a mass of protein † substance, inclosed within a structureless outer coat, and containing a clear space with a central particle, the so-called nucleus. During life, the creature exhibits only changes of form; its food is taken in only by imbibition, and no organs for the performance of particular offices in its economy have yet been discovered. Even less complex animated molecules constitute the active agents in the formation of the minute calcareous shells of those PHIZOPODA, which are termed *Foraminifera*, which swarm at the

* A Tabular arrangement of all the classes and orders of the animal kingdom is given at the end of § III.

† *Protein* is a chemical compound found in all living beings, and exclusively in them. It consists of carbon, hydrogen, oxygen, and nitrogen.

bottom of the sea and upon sea-weeds, and by their accumulation are, even now, forming masses of calcareous rock at the bottom of the Atlantic and other oceans.

The rhizopod *Polycistineæ* present even more graceful forms, but have their skeletons composed of silex (the material of flint), and they differ again from the ordinary *Foraminifera*, in being pelagic in their habits—that is, in floating freely at the surface of the sea. In these respects, and in the nature of their skeleton, they resemble other members of the same group, the *Thalassicollidæ*, but in these last the skeleton is frequently in the form of spicula or needles of various forms, and they form aggregate gelatinous masses, which cover vast tracts of the surface of the ocean, the voyager frequently sailing through them for days together.

In the usual spicular character and silicious nature of their hard parts, and in their habit of forming large aggregate masses, the SPONGIDA resemble the *Thalassicollidæ*, but the sponges have a definite cellular organization, are fixed to submarine bodies, and exhibit the first approximation to an alimentary canal, in certain channels, traversing the mass and communicating with the exterior by definite excretory apertures.

All these lowly forms of animal life are, however, unprovided with definite and distinctly formed mouths, and hence they are termed the PROTOZOA ASTOMATA, or mouthless Protozoa. The other PROTOZOA have distinct and permanent oral apertures and even a gullet—whence they are termed STOMATODA. The existence of a more complete alimentary canal in any Protozoon is as yet a matter of doubt, and it is still more important to remark the absence of any trace of a nervous system. The *Vorticella*, or bell-animalcule, so common on the weeds in our fresh-water ponds and ditches, and the *Noctiluca*, one of the most frequent causes of the phosphorescence of the sea, exemplify the division of the *Stomatoda*.

The sub-kingdom CŒLENTERATA contains the great majority of those animals which are commonly known as Polypes, and of which the sea-anemone, and the common fresh-water *Hydra*, are the most familiar examples. Conceive a cylindrical body, fixed at one end, and having an open mouth at the other, surrounded by a circle of arm-like tentacles, and you have a good general idea of a cœlenterate animal. But the main characteristic of these creatures is, that their body wall is composed of two distinct membranes, an inner and an outer; that no trace of a heart or of respiratory organs has been discovered in any of them; that a very simple nervous system has been found in only a very few; and lastly, that the cavity of their body and that of the digestive apparatus, are in direct and free communication.

Two great divisions have been established in this sub-kingdom. In the one, that of the HYDROZOA, the walls of the digestive cavity are not distinct from those of the body, while in the other, the ACTINOZOA, the digestive sac is, as it were, suspended within the cavity of the body.

The Sertularian Polypes, the *Velella*, the Portuguese man of war, or *Physalia*, the jelly fishes, or *Medusæ*, are examples of the former division; while the sea-anemone, the *Beröe*, the sea-pen, the red coral, and the madrepore, all belong to the latter.

In the members of all the remaining divisions of the animal kingdom, the VERTEBRATA, the MOLLUSCA, and the ANNULOSA, we find, as rules to which there are very few exceptions, that there is a distinct nervous system; that the alimentary canal is quite distinct and shut off from the cavity of the body; that there is a distinct circulatory system; and that there are special respiratory organs.

To the first of these laws no exception is at present known, and it is doubtful whether any exists to the second. To the third and fourth the exceptions are absolutely numerous, though few relatively to the whole.

their piscine character, retaining their gills, even after they have acquired lungs; while others, such as the frog and toad, undergo a wonderful metamorphosis, completely losing the fish-like character of the tadpole, and becoming air-breathers, and more or less completely terrestrial in their habits.

But no amphibian hitherto known, however fish-like, has its pectoral girdle attached to its head, nor have the mucous canals and sacs, so characteristic of fishes, been yet discovered in AMPHIBIA. The limbs, when they exist, are constructed upon the same plan as those of the higher Vertebrata.

It is difficult then, with our present knowledge, to give characters which will absolutely separate fishes from AMPHIBIA, but these two classes are very distinct from all other VERTEBRATA. In reptiles, birds, and mammals, even the young embryo is distinguishable from that of a fish or of an amphibian by the possession of two membranous structures, one of which is called the amnion, and the other the allantois. The former constitutes a sort of bag investing the whole body; the latter is a sac upon which many vessels ramify, and which, among other functions, subserves that of respiration, before the proper respiratory organs are developed.

Furthermore, while all fishes and AMPHIBIA possess gills at one period or other of their existence, reptiles, birds, and mammals never exhibit a trace of such structures. They respire first by the allantois, afterwards by lungs.

The heart in the higher VERTEBRATA is usually divided more or less completely into four cavities.

REPTILIA and AVES are either oviparous or ovo-viviparous, and they are provided with no integumentary gland for the secretion of nourishment for their young. MAMMALIA on the other hand are viviparous, and are always provided with such a gland, which is called a "mammary gland." Hence they alone are enabled to suckle their young.

In all reptiles and birds the skull articulates by a single head or "condyle," with the first vertebra of the neck. In all mammals it articulates by two condyles with the corresponding vertebra. In all reptiles and birds each ossified half of the lower jaw is primarily composed of many pieces, and articulates by a concave surface with a bone produced by the ossification of the upper part of the primary cartilaginous basis of the mandibular arch in the embryo and which is called the "quadrate bone" (*os quadratum*).*

In all MAMMALIA, on the other hand, the ossified halves of the lower jaw are never subdivided; the articular head of the lower jaw is either convex or flat, and is articulated in the adult with a bone, which is formed on the outer side of and above the upper part of the primary cartilaginous basis of the mandibular arch, and is termed the "squamosal" bone. The part which corresponds with the quadrate bone of the reptile or bird becomes one of the small bones of the ear.

Such are the characters which distinguish mammals from birds and reptiles. The latter are clearly defined from one another by many characters. In birds, the anterior limbs are always peculiarly modified so as to form wings; in reptiles, wings are rare and when they exist are very differently constructed. Birds are covered with feathers, reptiles with scales or osseous plates.

The lungs of birds are fixed to the back of the chest, and almost always communicate with cavities or air-chambers in the body and in the bones. The lungs of existing reptiles are free, and never so communicate. What are called the "optic" lobes in the brain of birds lie on the infero-lateral region of the brain, while they are always superior in reptiles. The metatarsal bones of birds coalesce, those of reptiles do not. Birds have the warmest blood of any of the three higher classes of the vertebrata, reptiles the coldest.

* To explain all the terms used in these definitions fully would be beyond the province of this explanatory preface. Any elementary treatise on anatomy will supply the deficiency.

The MOLLUSCA, like the ANNULOSA, are divisible into three groups :—The *Mollusca* proper or ODONTOPHORA, the LAMELLIBRANCHIATA, and the MOLLUSCOIDA.

The first division is characterized by possessing three pairs of principal ganglia,—cephalic, pedal, and parieto-splanchnic. The alimentary canal passes between the two former to open in the mouth, which is situated on the same side of the body as the great nervous centres. The mollusk, similarly, creeps upon its "neural" surface, and in all these respects agrees with the articulate and differs from the vertebrate animal. But it differs from the articulate animal in that its body is not divided into segments, and possesses no jointed appendages; while many Mollusks simulate VERTEBRATA, in having a more or less completely developed cartilaginous case around the nervous centres; but there is no chorda dorsalis, and there is evidence to show that this cartilaginous capsule is widely different, in a morphological point of view, from the Vertebrate skeleton. Many ODONTOPHORA possess a shell, which is developed from the integument, and may be either external or internal, In the former case, it has always at first the form of a single symmetrical cap, the apex of which is directed towards the back and away from the anus.

The ODONTOPHORA possess a peculiar masticating apparatus, the so-called "tongue," which is essentially a ribbon-like band, beset with teeth and playing over its supporting cartilages, like a chain saw. The chief locomotive organ is the so-called "foot"—a muscular thickening of the neural and lateral portions of the body.

The ODONTOPHORA are divisible into the CEPHALOPODA, the PTEROPODA, the diœcious and monœcious GASTEROPADA, and the PULMONATA, whose characters may be gathered from the handbooks on Malacalogy.

The LAMELLIBRANCHIATA are very similar in structure to the ODONTOPHORA, but they possess no buccal apparatus, nor teeth, and their body never undergoes that

asymmetrical modification, whereby the primitive form of so many ODONTOPHORA becomes concealed. They always have an external tegumentary shell, and that shell is primitively composed of two symmetrical pieces, one placed on each side of the median line of the back. The foot is usually well developed, always more or less visible, and the branchiæ are lamellar.

In the MOLLUSCOIDA, lastly, the three pair of ganglia, so characteristic of the higher mollusks, and the heart composed of at least one auricle and one ventricle, which these usually possess, are no longer found. The heart in these mollusks is a simple muscular tube or sac. There are no branchiæ like those of the higher MOLLUSCA, but the walls of the pharynx, or possibly, in some cases, the oral tentacles, perform the respiratory function. The foot is undeveloped. When a bivalve calcareous shell is developed, its halves do not cover the sides of the body, but the front and back parts of its dorsal (or hæmal) region. The majority of the MOLLUSCOIDA are fixed by some portion of their dorsal surface to other bodies, and many closely resemble the cœlenterate Polypes in external appearance.

The division MOLLUSCOIDA includes the classes BRACHIOPODA, POLYZOA, and ASCIDIOIDA, the especial characters of which are easily accessible.

Slight as is the sketch which has just been given of the classes of the animal kingdom, it affords an adequate conception of the fundamental differences of plan which distinguish the great types.

But it can hardly fail to have been remarked that there are other respects in which not only the different types but even different modifications of the same type differ widely.

The PROTOZOA, as a whole, are evidently simpler in structure and less variously endowed than the CŒLENTERATA; the CŒLENTERATA than the MOL-

LUSCA or ANNULOSA, and none of the last approach either birds or mammals in complexity.

Again, a lamprey is a simpler animal than a horse, a worm than a bee.

These indubitable facts are commonly expressed by the phrase that the simpler animals are lower and less perfect than the higher, and this indeed, in one sense, they truly are. But we should greatly err in supposing that *less* perfection implies *im*perfection, or in imagining that the less perfect animal is in any way unfitted for the conditions under which it lives. Were it so, its race would necessarily sooner or later cease to exist. If we look closely into the matter, it will be found that by "less perfect" and "low in the scale of life," one of two things is meant, either firstly, that the creature of which the assertion is made is a less complicated vital apparatus; or secondly, that the parts of which it is composed differ from one another comparatively little in form and structure.

It is worth while to consider each of these cases more fully. Every animal (indeed it might be said every liviug thing), has in the gross the same kind of work to do—it has to take in the food necessary for its support—it has to change this into other products and to mould them into its own peculiar form. Lastly, it has to exhibit that kind of reaction upon external impressions which is known as "irritability." Absorption, metamorphosis, and irritability, then are the three great "functions" of all animals.

Now the difference between one animal and another, as to the mode in which these functions are performed, is very similar to the difference which exists between one human society and another, as to the mode in which the affairs of life are carried out. All human wants may be summed up in two words—sustenance and freedom; but the mode in which men secure the satisfaction of their wants varies with the perfection of their social state. In savage life every man procures his own food, and relies for his

security from constraint upon the strength of his own arm. But this state of things is manifestly incompatible with any great advance, either in those arts which minister to the physical, or in those which satisfy the moral nature. If a man has to find his food every day, he will not spend much time in cooking it; and if he is liable to be attacked by an enemy at all hours, he is pretty sure never to attain to much eminence as a painter or a violinist. By the necessity of the case then, where every man has to do every thing for himself, nothing will be done very well; no man will be much better than another, and none will be very far above the level of mere animal existence.

Contrast this state of things with that which obtains among the active members of a highly civilized society such as our own. Each devotes himself to one occupation, striving to carry out that in the best possible manner; and trusting others to who devote themselves to other specialities for the satisfaction of all the rest of his wants. There is a "division of labour;" the wants of mankind are split up, as it were, into a hundred subdivisions, and every man charges himself with the satisfaction of one of these subdivisions, hoping that, in exchange, his own ninety-nine wants will be satisfied by others. So that, in one sense, a hundred civilized men may be said to be the equivalent of but one savage; while, if, on the other hand, we regard the nature of the products of civilization, and balance the sum of the work done on each side, the advantage on the side of civilization is infinite.

It is precisely this division of the physiological* labour of the organism which constitutes the first of the two great kinds of difference between animals. Some PROTOZOA have no definite aperture for the taking in of food, no muscles, and

* *Physiology.* The science which treats of the forces exerted by living beings irrespective of their forms; except so far as these contribute to the exertion of these forces.

no limbs. Every part of the body-wall may serve in turn as mouth or locomotive organ. In others there is a mouth, but no definite alimentary canal, and the contractile locomotive apparatus is limited to one part of the body. In the CŒLENTERATA the mouth and digestive cavity are permanently appropriated to that office, though not separate from the rest of the cavity of the body. The motor organs are still more definite and serve as organs of prehension and offence. In the MOLLUSCA the digestive cavity is permanent and completely separated from the walls of the body. A blood system is developed to carry the nutritive matter to all parts of the body. Another portion of the organism is converted into muscle, and can do little but contract; another has nothing to do but to form shell; another, the nervous system and organs of sense, is charged with the sole duty of putting the different parts of the organism in relation with one another, and with the external world. Thus, in the Mollusk, each part of the organism is charged with a special function, and, to the same extent, has become dependent on others. The stomach that digests depends on the blood for its own nourishment. The muscle that enables the animal to seize its prey would perish without the aid of the stomach and the blood, and would be ineffectual without the nervous system which guides it. The Mollusk does no more in the long run than the *Amœba*, it absorbs food, it modifies it, and it exhibits irritability, but the manner in which it does all these things is infinitely superior, and enables it to display powers of which the *Amœba* exhibits no trace.

It is needless to pursue the argument further, or it would be easy to show that the difference between man and the mollusk, as physiological machines, is of the same kind as that between the mollusk and the protozoon; in short, *physiological* perfection is in proportion to the division of the labour of the whole organism among organs specially adapted to particular offices.

The other sense in which perfection is attributed to living beings is morphological.* The MOLLUSCA as a whole are more perfect than the CŒLENTERATA, because they exhibit a greater number of specialized and diversiform parts and organs, quite irrespective of the functions of those parts and organs; and the VERTEBRATA, in their fundamental character, the possession of a true primordial internal skeleton exhibit a greater complexity of structure than any mollusk, or any annulose animal.

It of course usually happens that physiological and morphological complexity go hand in hand, but it should be remembered that the conjunction is not a necessary one. The lowest vertebrate animal, for instance, is in some morphological respects more complex than the highest mollusk, but physiologically it is less so.

One other commonly used phrase, expressive of the relation between different kinds of living beings, requires explanation, as its employment in an erroneous sense has led to grave errors. There is a current impression that the lower animals correspond with the embryonic conditions of the higher ; that, in the course of their development, the lower animal advances up to a certain point and then stops, while the higher goes on.

This notion, however, is entirely incorrect ; there is no known adult animal which would be regarded by any naturalist as of the same species with any early condition of another animal, if the two were submitted to him for comparison. In no stage of their existence would a competent naturalist regard embryonic reptiles, or mammals, as fishes; in no stage would he take an insect for a worm, or a cuttlefish for any lower mollusk. The whole of this idea, the truth of which has been assumed so often in geological speculations, rests upon a misunderstanding of an undoubted fact, namely, that there is a time in the development of each,

* *Morphology.* The science which treats of the forms of living beings, without regard to their functions.

when all members of a sub-kingdom resemble one another very closely, and that they remain alike for a longer or a shorter period according to the closeness, or remoteness, of their affinity. Thus there is a time when the embryo of a fish could be hardly distinguished from that of a reptile, a bird, or a mammal. But the embryo fish sooner becomes unlike a mammal than the embryo reptile or bird; and the embryo quadrupedal mammal remains longer like a human embryo than does that of a fish or a reptile.

Thus all animals in their youngest condition have, for a longer or shorter time, a similar form, from which each diverges to take its special configuration; if one may so say, they travel along the same road for a shorter or a longer distance, and then each goes aside to its own place. But this is a very different matter from any one form being an arrest of development of another. Of two men travelling together along the great North road, one may be going to Newcastle and the other to York. But it would be a very insufficient and erroneous description of the journey of the one to say that it was merely that of the other cut short.

3. The next great principle of natural history of which some definite notion must be obtained, is the doctrine of what is called the "distribution" of living beings. It is a matter of familiar experience that elephants, lions, and rhinoceroses are not at present indigenous in Great Britain; and humming birds, crocodiles, and flying fish are as strange to us as are the white bear, the ermine, and the musk ox. Nevertheless, the latter animals are found abundantly in more northern latitudes, while the former swarm within the tropics. Were any one to visit the countries in which the white bear and the crocodile respectively abound, he would discover that there was a certain northern limit beyond which the crocodile was never seen; and, on the other hand, that the white bear never ranges south of a given latitude. In other words, the white bear and the

crocodile are found within, or are distributed over, certain limited spaces of the earth's surface, and lines drawn on a globe, so as to enclose these spaces, would indicate the "geographical distribution" of these animals.

There are hardly any species of animals and plants which are not in like manner confined within limited geographical areas, and hence if we were to set out from England, and travel either due south, or due north, we should find that a gradual change would take place in the fauna* and flora of the countries traversed, their inhabitants differing more and more widely from those of this country the more nearly they approximated either the pole, or the equator. Nor is this result other than might be naturally expected, for we know how closely dependent the health and strength of animals and plants are, upon the amount of heat, light, and moisture to which they are exposed; and in travelling due north, or due south, these climatal conditions necessarily become very greatly altered. A corresponding change in the flora and fauna is observed when, in a mountainous country, we ascend from the plains to the line of perpetual snow; and the animal and vegetable inhabitants of the sea in like manner vary in character and abundance at different depths. But these cases also seem readily intelligible, for elevation has much the same effect on climate as northing; and every fathom of increased depth in the sea corresponds with a certain diminution in the amount of light and a certain alteration in temperature.

Again, there seems to be no difficulty in understanding why, as we find to be the case, terrestrial animals and

* The term "fauna" is applied to the whole of the animal inhabitants, —"flora" to the whole of the plants,—of a district or country, Thus, the fauna of Africa means all the animals found in Africa; the flora of India,—the flora of Kent,—means all the plants found in India and Kent respectively. In speaking thus it will be understood that the "indigenous" animals and plants, or those which naturally exist in a country, are alone referred to.

plants differ from those whose existence is spent in the water; nor why, among purely aquatic creatures, the inhabitants of fresh water are usually widely different from those of the sea. The discrepancy in form seems quite in harmony with the discrepancy in external circumstances.

But there are some other facts connected with distribution the cause of which is by no means so obvious. If the traveller, instead of moving to the north or to the south of this country, journeyed east or west, keeping as nearly as possible within similar climatal conditions, he would, nevertheless, still find that the successive faunas and floras through which he passed were widely different; and if a voyager were to circumnavigate the globe between the parallels of 40° and 60° S., touching at ports in the continents of Africa, Australia, and America, the differences between the indigenous animals of each country would be immense, and altogether out of proportion to the changes in climatal conditions.

The globe, then, may be marked out by boundary lines, some of which run northerly and southerly, and others easterly and westerly, into a number of districts or "provinces," each of which is characterized by a peculiar assemblage of animals and plants. And again, each district might be subdivided by lines parallel with the horizon, into zones of depth and of height, in each of which a certain group of this assemblage would flourish. It must be remembered, however, that neither zones nor provinces are capable of a strict limitation, there being always a border-land between every two in which the inhabitants of both are mixed.

The phenomena of distribution in depth are particularly worthy of attention, from their bearing on geology; for it is obvious that if we are enabled to lay down certain rules with regard to the depth at which particular forms live, we shall be able when we find these forms in an ancient sea bed, to form a judgment as to the depth of that sea bed, and hence, in many cases, to gather valuable indications as to

the proximity or distance of dry land. Every one who has walked along the sea shore is familiar with certain forms of life—barnacles, limpets, periwinkles, dogwhelks, shore-crabs—which cover the rocks between high and low water marks. During calm weather he might imagine that these constituted the chief inhabitants of the sea, but should a heavy gale of wind set in landwards, he is soon undeceived, for the waves, tearing up the sea bottom at depths greater than those which are ordinarily exposed by the recession of the tide, cast on shore vast numbers of new creatures, such as whelks, sandstars, corallines and great masses of sea weed, with whole colonies of animals attached to them, which habitually remain in the deeper regions.

Not satisfied with such accidental revelations, modern investigators have systematized and extended the explorations of marine depths by means of the use of the "dredge," a simple apparatus, long used by oyster fishermen to procure their merchandise, and, of course, equally applicable to the dragging up of other inhabitants of the floor of the sea.

It results from a long series of such observations that at least five zones, each characterized by peculiar forms of animal or vegetable life, may be distinguished at different depths. They are, 1st, the "littoral" zone, corresponding with the interval between high and low water marks; 2nd, the "circumlittoral" zone, extending from low water mark to the lowest limit at which the coral-like plant *Nullipora* is found, a depth, in our latitudes, of between fifteen and twenty fathoms; 3rdly, the "median" zone, characterized by the abundance of POLYZOA and *Sertularidæ*, which it exhibits, and by the predominance of carnivorous forms among its MOLLUSCA; it extends in our seas to about fifty fathoms; 4thly, the "infra-median," and 5thly, the "abyssal" zones lie beyond this, but can be hardly said at present to be well defined. It is in them that our corals and BRACHIOPODA flourish.

The extreme limits of vegetable and of animal life are not known. The higher *Algæ*, such as sea weeds and *Nullipora*, are, in our own latitudes, not found below twenty fathoms; but it is not improbable that the *Diatomaceæ* flourish at the furthest limits of life.

Both the number of species and the number of individuals of animals diminish at great depths. A greater profundity than two hundred fathoms is not to be reached within a very considerable distance of any part of the British coasts; but in both northern and southern seas, living animals have been drawn up from more than three hundred fathoms (or 1,800 feet) below the surface. It is important to remark that the inhabitants of these and still greater depths, however diminished in number, do not appear to become degraded in organization, but consist of CRUSTACEA, ECHINODERMATA, GASTEROPODA, LAMELLIBRANCHIATA, POLYZOA, and ACTINOZOA, of types quite as elevated as those which are found in more shallow waters, but they are frequently less brilliantly coloured than the latter. While the laws of distribution, as they have been at present determined, therefore, do not enable us to say precisely at what depth living animals can no longer exist, nor even to trace the influence of depth in modifying their forms, they seem, nevertheless, to point to certain assemblages as characteristic of certain ranges of depth. For instance, limpets and periwinkles appear to be absolutely characteristic of shallow water, being found but a very short way beyond tide marks. The lower limit of the plant *Nullipora* on the other hand, seems to mark in all seas the line of demarcation between moderate depths (under one hundred fathoms) and great depths.

We must remember, however, in attempting to apply these generalizations, that as yet distribution in depth has hardly been fairly worked out, even in temperate latitudes, and that before we can safely enunciate laws of general application, a vast number of observations must be made in both tropical and arctic climates.

The fact of the apparently capricious limits which have been assigned to many animals has been alluded to above. That all animals are adapted to the conditions in which they live is a truism, for if they were not so adapted, they would not live, but die ; but the strange fact is that we do not always find animals in those conditions for which they are adapted. At the present day, millions of horses run wild over the Pampas of South America, and these great plains are overspread with a peculiar kind of thistle ; there can be no doubt, therefore, that the climatal and other conditions of this part of the American continent are eminently favourable to both horses and thistles. Nevertheless, at the period of the discovery of the Americas, neither the horses, nor the thistles, existed in these regions.

In like manner, eighty years ago, neither horse, nor ox, nor sheep, grazed the wide pastures of Australia ; now they flourish and run wild there. The same is true of New Zealand. The little freshwater mussel, the *Dreissena*, now so common in our canals, having swarmed over the whole country, is a recent importation from Eastern Europe. Conditions most favourable for its existence have existed for ages, and yet it only now reaches them artificially. However trite may be the assertion, therefore, that animals are fitted for their conditions, the converse proposition, that conditions imply the existence of creatures fitted to flourish in them, is manifestly untrue.

Again, the existing distribution of animal life furnishes good grounds for exercising the greatest caution in reasoning from the population of one area, however vast, to that of another. A naturalist might be perfectly acquainted with the indigenous animal inhabitants of all South America and Australia, and yet not know that there were such things in the world as the elephant, the rhinoceros, the hippopotamus, the giraffe, the lion, the tiger, the horse, the ox, the sheep, or the goat, He might be fully acquainted with the population of all the enormous area which contains

Australia and the Pacific Islands, and yet not only be ignorant of the animals just mentioned, but might never even have heard of bears, cats, monkeys, ruminants, sloths, or ant-eaters. Finally, the exclusively African naturalist might fairly conclude from his own experience, that great quadrupeds abound everywhere, and that there are no such things as kangaroos or opossums.

The commonest facts in distribution, therefore, teach us that it is never safe to apply conclusions based upon the investigation of a limited area, however large, to the animal inhabitants of the rest of the world.

There is yet another caution necessary in reasoning from the facts of distribution. It should be well borne in mind that the connexion between a given form and the conditions in which that form flourishes is, in the great majority of cases, unknown to us. The laws of distribution are for the most part purely empirical ; they are merely the expression of observed facts, of the reason of which we know nothing. If we observe species A always in a warm climate, and species B always in a cold one, we may conclude, if we find specimens of A and B, that the climates in which they flourished were respectively warm and cold. The force of the conclusion will depend upon the extent of our previous observation with regard to A and B. In practice, and within certain limits, such a conclusion is probably valid, but it is a very different matter if the argument is put, as it more commonly is, thus :—species A and B are found respectively in hot and cold climates, therefore species (a), which is very like A, though not the same, and species (b), which is very like B, though distinct—indicate that the climates in which they flourished were respectively warm and cold.

This argument, it is obvious, is only valid on the assumption, that a certain amount of similarity of form implies similarity of necessary conditions ; and the question immediately arises how much similarity of form implies how much similarity of condition ?

In the present state of science no definite answer can be given to this question. It is not understood why some genera are well nigh universal in their distribution, others limited in their area. No comparison of the osteology of the arctic fox and of the jackal, of the polar bear and of the black bear, of the musk ox and of the buffalo, would enable the anatomist to tell which of these species inhabits an arctic, and which a warmer climate. And on the other hand, though the existing species of hippopotamuses, rhinoceroses, and elephants are now exclusively inhabitants of warm climates, it is certain that very similar species formerly flourished in climates at least as cold as that of England, if not much colder.

That these difficulties beset the enunciation of laws of distribution of general application, indicates what is tolerably certain on other grounds, that the existing arrangement of living beings on the surface of the globe is a complex result, the product of the interaction of a number of distinct causes. It is pretty clear, indeed, from what we know of life, that the presence or absence of any particular living being, on any given spot of the earth's surface, must depend on these conditions—

1stly. The mode and place of origin of that kind of living being.

2ndly. It powers of voluntary migration.

3rdly. The extent to which it has undergone involuntary migration, in consequence of changes in the distribution of sea and land ; currents, &c.

4thly. The range of climatal and other conditions under which alone it can exist.

If we had these data for each species, its distribution would be a matter of calculation. But unfortunately they are not yet ascertained for any species whatsoever ; nor is there, with regard to one or two, that agreement among men of science as to the probabilities of the case, which would be desirable.

Thus, respecting the first condition, no one has ever witnessed the origin of a species, nor is there any scientific evidence as to the mode, or place of origin, of any living thing.

As to hypothetical views, all the possible alternatives have their advocates. There are those who suppose that all living beings were created at once, in one spot, whence they have subsequently migrated; but persons of sound intellect, acquainted with the facts, usually attach themselves to one of two other views. On the one hand, some conceive that all living beings were created as we find them, and where we find them; or that, at any rate, they are the descendants of a stock created within a distance not greater than can be overcome by the voluntary, or involuntary, migration of the species. Those who entertain this view, usually suppose that a species, once created, can only be modified to a very limited extent.

On the other hand, their opponents maintain that there is no evidence that species were created as we find them, but that there is reason to believe that all living things are the result of the gradual modification of one or more primitive forms.

Passion and the *odium theologicum* are too often allowed to enter into the discussion of these views. The triumph of either, except so far as it is the triumph of truth, is to the man of science, however, a matter of profound indifference; and in this spirit the arguments on both sides are thus shortly summed up:—

a. Those who maintain the first view urge that all evidence tends to show that, in the ordinary course of things, living beings can only take their origin from pre-existing living beings; so that, even if the indefinite modifiability of species were admitted, it would yet be necessary to suppose a direct creative interposition in order to account for the first germ of all; and if we admit one direct interposition, it is said, there is no difficulty in admitting twenty

or twenty thousand. To this it is replied, that, although there may be no greater difficulty in the one case than in the other, yet the assumption of creative acts, being in reality nothing more than a grandiloquent way of expressing our ignorance of the real connexion of the phenomena, and our incompetence to conceive their origination, every reduction in the number of such assumptions is a clear gain to science.

It is furthermore urged that the direct creation of a species is an occurrence which not only has no scientific evidence in its favour, but is, in the nature of things, incapable of being supported by such evidence. For, suppose that in a glass of water, perfectly free from a trace of organic matter, a new species of fish were suddenly to make its appearance before the eyes of half-a-dozen naturalists, not one of them would believe, or would be justified in believing, that this was a direct creation out of nothing. Philosophically, it would be illogical, and religiously it would be mere superstition, to believe that which is in direct contradiction to our universal experience of the modes of action of the Creator.

b. It is affirmed that, in some cases, animals and plants of the same species inhabit such completely separated regions that their origin, except by independent creation, within their present area is inconceivable. One of the strongest cases of this kind is that afforded by a marine Crustacean, sometimes seen in our fish markets, the Norway lobster (*Nephrops Norvegicus*). This animal is found on the shores of Norway and of the northern parts of the British islands, but not on our southern shores, nor on the Atlantic coast of France, Spain, or Portugal; it reappears, however, at Nice in the Mediterranean, and abounds in the Adriatic about Venice.

There appears to be no doubt that the northern and the southern forms are specifically identical, and it is naturally asked, how could these isolated detachments of one species

have migrated to such widely-separated points without leaving some colonies on the only road which is open to them, viz., the western shores of Europe? And if their present distribution is not to be accounted for by migration, how is it explicable, except by supposing that the stock of each detachment was created where we find it?

Were the limits of the land and sea fixed and unchangeable—were there no such things as geological change—the problem might seem to be insoluble. But the instability of the land and the consequent incessant alternation of dry land and deep sea at the very same points of the earth's surface, are the first lessons of the student of geology. This being the case, however, the argument at once loses its force; for if, by the submergence of central Europe, the Mediterranean and the North seas ever communicated, the *Nephrops* would readily have spread from Norway to the Adriatic, or *vice versâ*, and when the central mass of Europe rose again, the area of its distribution would be cut in two, and the northern and southern fragments, only, left.

That this is the explanation of the apparent anomaly would be proved if *Nephrops Norvegicus* were found fossil in any of the strata constituting the present land of Central Europe. So long as this is not the case, it can only be regarded as a hypothesis more probable than that of special creation at two points, and hence excluding the necessity of adopting the latter.*

Many cases of distribution which have been supposed to be similar to that of *Nephrops*, and adduced as such by the advocates of many centres of creation, have been shown to be not really of the same nature, the widely separated forms not being in reality of identical species.

c. The great question, however, upon which the two

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* Species of the genus *Nephrops* have, curiously enough, been found fossil in Central France (Depart. of the Yonne) at a point about half way between the northern and southern areæ of *N. Norvegicus*.

schools of naturalists divide is, are species permanent? In other words, is it possible that any conditions operating through any amount of time upon any number of generations of a species A, shall give rise to a distinct species B?

In this, as in all other instances where thinking men entertain flatly contradictory opinions, the difficulty of coming to a mutual understanding appears to arise in a great measure from the want of a clear apprehension of one another's meaning. In the present case it is probable that no two persons attach precisely the same signification to the word "species."

Most naturalists admit, indeed, that species have a distinct physiological character, viz., that the intermixture of two species will not produce a fertile race, even if it gives rise to any progeny at all; but, unfortunately, this test is, from the nature of the case, practically inapplicable, not only to the great majority of living animals and plants, but to all fossils.

In practice, therefore, the naturalist is obliged to neglect the physiological characters of a species, and to confine himself entirely to those which can be founded on form and structure. In this sense a species is the smallest group to which distinctive and invariable characters can be assigned.

If, to use a seemingly parodoxical expression, all living beings were extinct—if they were represented by a limited number of fossils, and lay before us as things to be arranged and classified, the practical application of this definition of species would have no difficulty. Sooner or later the whole organic world would be sorted out into the smallest parcels which could be characterized by a definition, and these would be "species."

It is obvious that the task would be equally easy, were all living beings absolutely immutable; if every member of a species were exactly like its fellows, and if all progeny precisely resembled its parentage.

If every dog, for example, were precisely like every other dog, and every puppy exactly similar to its parents, there could be no difficulty about defining the species dog, nor could there be any hesitation in deciding whether a given animal belonged to the species dog, or the species wolf.

Unfortunately for scientific ease, no such immutable forms exist in nature. Like everything else in the world, a living being is a compromise, a resultant of all the forces which act upon it; and though, like a planet, it tends with an immense force to move in a course of its own, yet, like that planet, it is affected and perturbed more or less by all surrounding conditions.

Hence, inasmuch as no two living beings can ever possibly have been subjected to precisely the same conditions, it is not wonderful that no two ever were, or ever will be, precisely alike; nor is it strange that species vary in proportion to the variety of the conditions to which they are exposed.

It is needless to do more than refer to facts which lie within everyone's experience. No person is unaware of the difference in the result produced when two seeds from the same plant, or two animals from the same brood, are exposed to widely different conditions in respect of light, warmth, and nourishment.

In all such cases, however, the modification is limited in amount, and no modification of conditions will so mask the characters of the species as to prevent their recognition in either the stunted, or the overgrown, individual. For every individual, therefore, it can hardly be doubted that specific characters are permanent and immutable. Do what you will with a sheep-dog puppy, you will not turn him into a wolf.

It is obvious, therefore, that thus far, the influence of conditions can be shown to have no appreciable effect in permanently modifying species; for if the offspring of the

modified individual were in all respects like its parent before the modification of the latter, it is clear that the whole influence of the modifying conditions would only bring it to the same point as the parent; that the modification in any number of generations would go no further; and that when the influence of these conditions was removed, the species would at once return to its primitive and typical form. Thus, suppose a pair of sheep-dog puppies could be converted into greyhounds by a peculiar course of food and training; for anything which has been yet stated they would produce puppies which would only become greyhounds under a like course, and, if left to themselves, would resume their pure and unchanged sheep-dog character.

Now, in nature this is not the case, by reason of the great fact of hereditary transmission. Every living being is, it has been said above, the resultant of all the forces which *act* upon it; the statement is incomplete unless we add—and which *have acted* upon its parents.

The forces in question are divisible into two classes: the one, more powerful, intrinsic, impressed upon the germ, and causing that germ invariably to tend towards the production of a given form; the other weaker, extrinsic, consisting of all those assisting, modifying, or even destructive influences which reside in the surrounding universe, and which are called external conditions.

For every individual living thing, this distinction into intrinsic and extrinsic forces is absolute; but the law of hereditary transmission obliges us to admit that it may not be so for a series of generations. For hereditary transmission means simply, that a modification undergone by a parent more or less affects its offspring—the offspring tending to reproduce that modification. Thus in the imaginary instance given above, the offspring of the modified sheep-dog, even if placed in entirely indifferent conditions, would have a tendency to assume greyhound

characters. The intrinsic force of the germ—its tendencies—would be thus far modified by the influence exerted by external conditions on its parent. The operation of an extrinsic force on one generation may become in the next an intrinsic force.

But it is obvious that if once the influence of hereditary transmission in modifying the tendencies of the germ (and no one denies it) be admitted, it is very difficult to say where the modification of a given species shall stop.

Here, therefore is the battle ground of those who admit and those who deny the indefinite modifiability of species. On the one side are adduced the two indubitable facts,—firstly, that certain unquestionable modifications of one and the same species, such as the dog, are (as Cuvier says) more different than any wild species of the same natural genus; secondly, that the admission of indefinite modifiability reduces the production of species to the ordinary course of nature, and accounts equally well for all the phenomena with any other hypothesis.

On the other side, are the equally unquestionable truths that specific characters are retained under even extreme modifying influences with great tenacity, and that artificially produced modifications tend, if left to themselves, to return, more or less nearly, to their primitive specific character. It may be doubted however, if these propositions are really inconsistent with the doctrine of indefinite modifiability.

At present the evidence before the naturalist can hardly justify him in declaring his absolute adhesion to either view, but according as he inclines one way or the other, so will it be probable that his views as to the limits of species will vary. He who leans to the hypothesis of indefinite modifiability will tend to neglect, and he who inclines to that of the fixity of species will tend to exaggerate, minute differences. As the case now stands, those who wish to adhere to the golden mean must put their

trust in common sense, a perception of the needs of science, and that sort of tact which can be gained only by incessant practical working at species.*

4. So much for those laws of natural history which help us to understand what the various forms of living beings are, and how they vary. The next most important question is, do animals and plants, as they die, perish and leave no trace behind, or what becomes of them?

The answer to this question must be different, according to the particular kind of animal or plant to which reference is made. The fungus which springs up in a night, dies, decays, and is swept away as rapidly; and the soft marine jelly-fish or worm may leave no more permanent traces of its existence. Carnivorous and herbivorous animals, again, destroy and efface all recognizable signs of the existence of multitudes even of those living beings which are, physically and chemically, better qualified to endure. Again, though it be a fact, that the great majority of both animals and plants are provided with parts sufficiently hard and indestructible to resist the ordinary causes of decay, for a very considerable time; nevertheless exposure to damp and change of temperature, in the case of the remains of land animals; and the incessant wear and tear of watery action, among aquatic creatures, would sooner or later destroy, or so deface as to render unrecognizable, the trunks of the hardest-wooded trees and the most solid bones and shells: and this would take place in a space of time, which however long to us, is a very brief period, geologically speaking, were it not for the very simple but efficient, preservative agencies which are brought into play by the very same causes.

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* It should be noted that these pages were written before the appearance of Mr. Darwin's book on the "Origin of Species"—a work which has effected a revolution in biological speculation.

The hard parts of terrestrial animals and the remains of land plants are, indeed, to a great extent destroyed by their exposure to the conditions enumerated above; but, it occasionally happens, that accidental floods sweep them away into low grounds, hollows, or caves, where they rest and become covered up with the fine mud deposited as the waters subside; or living animals may be swallowed up in peat-mosses and in swamps; or their remains may be exposed to the action of springs highly charged with calcareous matter, and thus become coated with carbonate of lime; or the wind may envelop them in drift sand; and in all these instances they will be more or less effectually protected from further change.*

The imbedding and preservation of the exuvia of those marine animals and plants which are not destroyed by the carnivorous and herbivorous races, on the other hand, is hardly a matter of chance, but must almost inevitably take place. The sea is incessantly wearing away the shores against which it beats, and the shallow grounds over which its currents and tides race, undermining and cutting them away, and grinding the fragments down by their mutual friction into boulders, shingle, pebbles, sand, and mud. It then carries away the finer materials, and spreads them over the deeper and quieter portions of its bed, where they are arranged in successive layers, which gradually rise into banks of mud and sand. Brooks and streams, constantly bringing down similar materials from the higher grounds inland, add to these deposits, or form similar ones peculiar to themselves, thus giving rise to the "deltas" and the "bars" found at the mouths of most rivers. In all the quieter and not too deep parts of the sea bed, therefore, it is as if a constant, though very slow, rain of fine earthy particles were going on, and consequently every dead shell, every

* Illustrations of the various processes here alluded to are exhibited in wall-cases 57, 58.

undestroyed bone, which is left on the bottom, is sooner or later covered up and protected from further destruction. Just as the showers of fine ashes which fell from Vesuvius seventeen centuries ago, so covered up and protected the remains of Herculaneum and Pompeii, that even now the smallest relics of Roman daily life are preserved for our inspection, so may the muddy deposit now taking place over a large extent of the present sea bottom preserve, for the inspection of future generations, the remains of the creatures at present living and dying there.

Some of the contents of the Wall-case 58 are selected for the purpose of illustrating the process which has just been described ; they are specimens of the present sea bottom from various parts of the world, and from different depths, just as they were brought up by the dredge. And it will be observed that each specimen, whether of mud or of sand, contains the remains of living beings of one sort or another; nor can there be a doubt that if we could examine the sea bottom in any of the localities from which these specimens are drawn, we should find the mud and sand at a depth of a few feet gradually consolidating into rock, and entombing these shells, &c., as the "organic remains" of the present creation.

For the sake of clearness, it has been provisionally assumed that, in all these instances, the organic bodies have been preserved by being enveloped in masses of inorganic matter ; that the mud which forms the bottom of seas and rivers is, in all cases, pulverized rock brought from other localities. It is very rare, however, to find mud purely of this character, and there are some remarkable accumulations at present taking place, of which every particle is derived from organisms which have once lived, the apparent mud, in which the large organisms are imbedded, being nothing but a mass of shells of minuter forms interminged with fragments of larger ones.

The blocks of hard limestone in Wall-case 58 are portions

of a rock now in course of formation over an immense area in the Southern Pacific, and constituting what are known as coral reefs, and corals islets. They owe their origin, in fact, principally to the corals which abound in that sea, flourishing anywhere between the surface and a depth of fifteen or twenty fathoms. Below that depth, the social, reef-building corals cannot exist, and consequently, if the land were stationary, there would be a sort of margin or fringe of accumulated coral, consolidated by the mud produced by the beating of the waves against its own substance into a "reef," extending outwards until it reached a depth of about twenty fathoms. Such a reef (called a "fringing reef") surrounds the island of the Mauritius, in the Indian Ocean.

But the blocks in the case have been brought from one of the islets which forms a part of what is termed the Great Barrier Reef of Australia, an enormous mass which extends for a thousand miles, at a varying distance from the eastern shore of that continent. Between the shore and the reef is a shallow sea, not more than thirty fathoms deep, and dotted with coral and other islets; but a few boats' lengths outside the reef, a line of a thousand fathoms long will not reach the bottom. It follows, therefore, that the reef has the form of a steep high wall facing to the eastward, with a shallow fosse on the westward. There is every reason to believe that the coral is here thousands of feet thick, and it can only be supposed that it has accumulated in consequence of a very slow and gradual subsidence of the land, so slow as not to exceed the rate of upward growth of the coral. It is clear that the thickness which a coral reef may attain under these circumstances is practically unlimited.

The pulverizing action of the sea, breaking up and destroying the face of the reef exposed to it, is not the only agent by which coral is converted into limestone mud. Certain marine animals—fishes and other animals—feed

upon the live coral, and reduce the calcareous matter to a fine mud, which is passed out in their excrements. Mollusks and worms burrow in the coral, and tend to destroy its cohesion, and the multitude of *Foraminifera*, which find, in the reef, a favourable sphere for their development, add their hard parts to the oozy accumulation. This fills up the interstices of the dead branches of the coral; and the whole becoming compacted, probably by the percolation of water, forms a mass the appearance and hardness of which may vary from those of chalk to those of a hard and ringing limestone. From this entirely organic, to a chiefly or entirely inorganic origin of a rock, every transition exists.

The bottom of the Atlantic has lately been examined, with much care, in the course of the soundings which have been carried on for the purpose of laying down the electric telegraph. Over an area of many thousand square miles, and at depths varying from 1,000 to 2,500 fathoms, the bottom is entirely composed of a fine oozy mud, nine-tenths of which at the very least is composed of the calcareous remains of *Foraminifera*; the rest is partly inorganic, partly consists of the silicious cases of *Diatomaceæ* and *Polycistineæ*.

If this sea bottom were upheaved and could be examined, it would without doubt be found that the older and deeper parts of the mud have hardened into a chalky rock, the thickness of which of course depends on the time during which these deposits have been accumulating.

5. Most important consequences flow from a recognition of the fact, that the modes of preservation of the remains of animals and plants last described far outweigh every other in importance and extent. This may be made more clear by again using the instance of Pompeii and Herculaneum as an illustration. Suppose that long after these cities were buried, others had been built over them by some of

the many barbarian invaders of Italy, during the decline of the Empire, and that after awhile Vesuvius had entombed these under another shower of ashes ; imagine that, five or six centuries after this, the Normans had built other cities on the same ground ; and that these had, after a few hundred years of existence, undergone a like fate, so that the whole of this part of Italy was buried under volcanic accumulations, on the surface of which flourished the villages and the vineyards of a race ignorant of the existence of a previous condition of things. And now suppose a well to be sunk, or an excavation made for some purpose or other, down to the original foundation of Pompeii ; the digger would pass through three layers of volcanic accumulations, separating the foundations of as many cities, differing in the style of their architecture, in their sculpture, their paintings, and their utensils, and clearly showing that they belonged to three separate nations. It would be quite clear, again, to the excavator, that the highest city must be the latest and last built, the lowest the earliest ; and he could arrive at no other conclusion than that three several races had flourished and perished, one after another, on this very spot in ancient times. For how great a space of time each race had remained, and what was the absolute antiquity of any one, or of the whole, he would be unable to say ; but their relative antiquity—the chronology of the series—would be plainly indicated by the order of their superposition.

Exactly the same reasoning is applicable to the beds, or strata, of mud and sand which are now accumulating and gradually hardening into rock at the bottom of our present seas. Those layers which are, at present, being deposited necessarily lie above those which were formed in the same locality a year ago ; and these, above those of the preceding year ; while, on the other hand, they will be covered up by deposits of future years. Therefore, it follows, that if ever the present sea beds are upheaved, so that their

composition may be examined, the future observer will find the beds containing the remains of marine animals and plants superimposed upon one another, in precisely the same order as they are now being formed, the oldest at the bottom, the youngest at the top; he will be furnished by their order of superposition with an accurate *relative* chronology of the changes which are now taking place; but without the introduction of other considerations, he will, of course, be unable to assign the *absolute* period at which any bed was deposited, or the time occupied in the formation of the whole.

The antiquarian called upon to estimate the probable absolute age of the oldest of the cities in the imaginary case stated above, would be guided by what he knew of the time required to build cities; by historical evidence as to the conditions under which nations replace and extirpate one another; and by physical considerations based upon a knowledge of the mode and rate of the formation of volcanic accumulations of a given thickness; but, even then, he would, probably, prefer to state the minimum, rather than the maximum, antiquity. And so the future naturalist, should he have no other light than the strata now forming themselves afford, can only be guided, in his estimate of their antiquity and of the period occupied in their formation, by his knowledge of the average duration of animal life, and of the rate at which sediment of a given thickness can be deposited. He may as well assume the remains before his eyes to be accidental "sports of nature" at once, as speculate upon any other foundation.

Just as our only means of comprehending the civil history of the past is to apply to ancient times those principles which a careful study of the actions and motives of our contemporaries leads us to believe, are of universal application to mankind; so, in endeavouring to interpret the monuments of the ancient world of geology, we must be guided by what we know of the present creation; and

thus having learned what living creatures now exist, how they are constructed, and how their remains are becoming imbedded in the rocks now forming, we are ready to enter upon the inquiry as to what forms of life animated the ancient worlds, how they were constructed, and how their remains have been handed down from those remote ages.

6. There are yet one or two collateral points which require discussion. Supposing that the present bed of the ocean were upheaved, and became exposed to view, so that we could examine the organic contents of all the strata of mud and sand which have accumulated and hardened into stone for the last four or five thousand years, ought we to expect to find, at any one spot, a complete and unbroken series of the remains of all the creatures that have ever lived there? Assuredly not. In the first place, it has already been explained that there are many animals entirely devoid of parts sufficiently hard to be preservable, and of them every trace would have disappeared. It is important to remark that a naturalist who should become acquainted with the present animal creation only in this way, would be ignorant of the existence of many genera and families, of some orders, and even of one or two entire classes ; but no sub-kingdom would be without abundant representatives, and therefore, he would be perfectly acquainted with all the great types of organization at present existing. There would necessarily be defects in his knowledge, but these defects would by no means interfere with his obtaining a very clear and just, though not complete, idea of the present state of things.

But there are other and more formidable sources of imperfection in our Palæontological knowledge. Not only does the very nature of some animals present an insuperable bar to the preservation of a complete record of organic life in the rocks contemporaneously formed, but it is, to say the least, excessively improbable that a complete series of

even those organic bodies which are preservable should be found at any one spot. For modern research teaches that the level of the land is constantly changing; slowly, but surely, some countries are rising, while others are becoming depressed; and there is good evidence that, in some parts of the world, several alternate movements of elevation and depression have taken place within a comparatively modern period. Now, whenever the bottom of the sea becomes dry land, or the dry land sinks to the bottom of the sea, there must obviously be an interruption in the series of living inhabitants, aquatic forms replacing terrestrial, or *vice versâ*. Thus should the sea bottom be raised into dry land, and then depressed again, so as to be covered with fresh deposits, the whole mass, when subsequently elevated and exposed to view, will exhibit a break in the series of marine organic remains, corresponding in magnitude and importance with the interval during which the sea bed remained in the condition of dry land. It is probable that there is not a single spot on the earth's surface which has not been thus subjected to many alternations of elevation and depression, and, hence, we may safely infer that no single series of superimposed strata can contain a complete series of even those forms of past life which have flourished in that one region.

But, if this be true of those marine animals whose chances of preservation are greatest—whose hard parts contain so little animal matter as to be not worth attack on the part of predacious organisms—which are sufficiently dense to resist the destructive agencies to which they must almost necessarily be exposed before they are protected by sediment, and whose locomotive powers are insufficient to enable them to escape by migration, the imminent fate threatened by changes of level; how much more fortuitous must be the preservation of those remains which, like the bones of the marine *Vertebrata*, contain much animal matter, and are comparatively soft, or which belong to

entirely terrestrial creatures? And, in fact, it is among the rarest of occurrences to find the bones of a dead wild quadruped, or bird; or to dredge up from the sea bottom a relic of a fish or of a porpoise, abundant as these animals are in our seas.

We turn to the examination of the collection of fossil remains then, bearing this truth clearly in our minds, that at best it contains only an imperfect record of the past; that it is a history, some of whose leaves are certainly torn out—we know not how many or how few—though, judging by the present condition of things, we surmise that their teachings would not contradict any duly limited deduction from the information we derive from other sources.

§ III.—*Application of Natural History to the elucidation of Fossils or "Palæontology."*

1. An important question meets us on the threshold, as it met those who first directed their attention to fossils:—How do we know that these curiously formed bodies, often to all appearance of one substance with the rock in which they are imbedded, really are the remains of creatures which have lived? how do we know that they are not what the ancients supposed them to be—*lusus naturæ*—sports and freaks of inorganic nature, produced in blind imitation of living bodies, just as the hoar frost on the window-pane simulates the foliage of a tree?

We know that fossils are the remains of animals and plants by precisely the same common sense reasoning as that which led Robinson Crusoe, seeing the impression of a human foot on the sand, to conclude that a man had been there. The footmark might by possibility have been an accident—a *lusus naturæ;* but pending the proof that it was so, the precautions of the shipwrecked mariner exhibited the soundness of his judgment. We cannot experimentally prove that fossils are truly the remains of dead animals and plants, any more than we can experimentally demonstrate that the utensils recently brought home from the arctic regions really belonged to the crew of the "Erebus" and "Terror;" but all the facts, the condition in which the things were found, the marks upon them, agree with this hypothesis, and none oppose it. On like grounds, our belief that fossils are the remains of beings which once lived, has acquired firm hold and remains unshaken; the conditions under which they are found, and all their marks, agree with the hypothesis; while increasing knowledge, so far from shaking, is incessantly, and in very wonderful ways, strengthening the foundations of this, as of every truth.

2. The extent to which it enables us to reason to the unknown, is commonly, and in a great measure justly, regarded as one of the best tests of the truth or falsehood of a scientific theory, and none has ever more brilliantly stood the application of this test than that now referred to. For if fossils really are the remains of living beings, we may reasonably expect, in the absence of evidence to the contrary, that the animals and plants of which they are the exuvia came under the operation of the same great law of the invariable correlation of organic peculiarities, which has been shown above to be manifested in the present creation, and it might be fairly anticipated that the same logical process which enables us to reason from the structure of the hair of a recent animal to its whole frame, or from the peculiarities of the wood of an existing plant to its fruit and the minor particulars of its embryology, would be equally available when applied to the extinct inhabitants of the world.

The magnificent researches of Cuvier first practically demonstrated the justice of these surmises, and showed that the laws of correlation of parts deduced from the observation of living animals hold good to a wonderful extent among the extinct forms; so that to one, as thoroughly acquainted as he was, with the details of animal organization, an isolated fragment of a fossil bone, or an odd tooth, was, frequently, sufficient to indicate the general affinities of the animal to which it belonged; and to justify him in making those wonderful predictions of what would be the nature of its other parts, which were so often to be verified in the course of future investigations.

One of the most remarkable examples of such successful prediction is that which Cuvier himself mentions as "a very singular monument of the force of zoological laws, and of the use which may be made of them." From the famous gypsum quarries which furnished so many occasions for the display of his genius and knowledge, a block was

brought containing the imperfect remains of the skeleton of a small animal; the shape of the lower jaw and the characters of the teeth were such as are alone known to exist in the order of marsupial animals, of which the opossum and the kangaroo are the most familiar examples. But all known *Marsupialia* possess two remarkable appendages to the "pelvis" or bony girdle of the hips, which are termed the "marsupial bones," because they are connected with the pouch in the female. Here was a law of invariable correlation of anatomical peculiarities, (certain teeth and certain forms of jaw being always associated with the presence of these bones,) of universal application to living animals; would the law hold good for the fossil? Cuvier was so confident that it would, that he invited some friends to witness the picking away of the stone from the region where he believed the marsupial bones would be found; and the result verified his expectation, for the bones were discovered just in that very situation.

3. It will be easily understood, however, that the whole of this train of reasoning is only valid on the assumption that a certain uniformity has prevailed in organic nature; that the structures which we find invariably associated now, were invariably associated in earlier times; that, in short, the great laws which are expressed by our conceptions of common plans have always remained the same. We know of no reason, save the invariable occurrence of the co-existence, why a peculiar form of jaw should always be accompanied by the existence of marsupial bones; and just as certain animals now exist in which the marsupial bones are present, while the peculiar structure of jaw is absent, so it is quite within the limits of possibility that, at an earlier period of the earth's history, animals might have existed possessing the peculiar jaw, but deprived of the marsupial bones. Of course,

in this case, Cuvier's reasoning would not have been conclusive, and his prophecy might not have been verified.

In point of fact, it would not be safe in all cases, to regard the laws of invariable anatomical correlation deduced from the observation of the existing animal world, as applicable, without reservation, to the members of extinct faunas. No generalization from the structure of existing animals could be better established than that biconcave vertebræ are found, throughout the spinal column, only in fishes and perennibranchiate amphibia, or that hollow bones of a certain form are characteristic of birds, and yet we should be led into most erroneous conclusions by reasoning without hesitation from these data, to the structure and affinities of the animals to which certain vertebræ and certain bird-like bones found in the mesozoic strata belong. In fact, while experience shows, with a constantly increasing weight of proof, that the great laws of the construction of animals have been identical throughout all recorded time, and while, therefore, when we possess any clear indication that a fossil animal belongs to any one of the great groups, we may safely predict that it will exhibit all the other *characteristic* peculiarities of that group; we must be careful to remember that in many of the smaller groups, combinations of organic peculiarities have existed of a very different nature from those which now obtain; and we must, therefore be content to regard many of the established generalizations as only approximatively correct.

As a general rule, however, it is very true that the more we learn of the world of fossils, the more clearly does the conviction force itself upon our minds, that from the earliest times of which we possess a record to the present, no change has taken place in the general scheme of the organic world. There are, perhaps, 15,000 established species of extinct animals, but, among them, there is not one whose plan of

construction differs so far from any now known, as to require the establishment of even a new class for its reception. Different naturalists will estimate the number of classes of animals now living variously, but they may be safely assumed to be at least five-and-twenty—five-and-twenty distinct modifications of the five great primitive common plans; and yet so comparatively slight has been the change since the earliest times, that the whole extinct world will not supply us with a six-and-twentieth modification! If we descend to the next smaller divisions—to the orders—the same fact becomes apparent; at the very lowest estimate there are not fewer than between a hundred and thirty and a hundred and forty orders of animals, and out of these, at the most, not more than fourteen or fifteen are represented only by extinct forms; that is to say, in the whole range of geological series not more than ten or twelve per cent. of ordinal types, different from those which now exist, have come into being.*

4. The history told by the records of the organic world is in perfect harmony with that which is written on the face of inorganic nature. The thickness of the crust of the earth, down to the greatest depth to which man has been enabled to penetrate, is to a great extent composed of strata of rock, the physical and chemical peculiarities of which evince their identity with the products of the present operations of nature. Beds of conglomerate containing rounded pebbles demonstrate that the sea beat against and broke up its rocky boundaries then as now, rounding and polishing the fragments by incessant friction as it wears them on any modern shingle beach; fine-grained limestones and sandstones show that, then as now, the finer products of their attrition were carried away and

* The number of orders is here purposely taken at an extreme minimum; while the highest possible value is given to the extinct groups.

deposited, in the form of beds of mud, upon the deeper and quieter parts of the sea bottom. Vast and frequent interruptions in the regular series of beds prove that, in ancient times as at present, the solid crust oscillated, so that what was dry land became covered by the sea, and what was sea bottom remained for long ages dry land. And, finally, in like manner as we know that, within the period of which man is cognizant, all these changes have gone on in an excessively slow and gradual manner, rapid and convulsive action being altogether exceptional, so we have the clearest proof that the time represented by the vast succession of ancient strata is enormous and almost inconceivable, and that gradual and regular change was, then as now, the rule—catastrophe and convulsion the exception.

Nevertheless, as in the ancient organic world we have found that there is a certain amount of departure from what might be called the byelaws of the present creation, so it is quite possible that, in the physical world of past times, changes may have now and then taken place, with a rapidity and a violence, to which the minute experience of man affords no parallel. An *Ichthyosaurus* is, in one sense, a sort of animal catastrophe, and as we are well assured of the occurrence of this one wide deviation from existing manifestations of the vital forces, so we must not be too sure that corresponding departures from the usual order of the physical world have not occurred in past times.

The same analogies which demand this caution, however, fully justify us in concluding that, throughout all geological time, the great physical forces have obeyed similar laws. The gravitation of matter, its hardness, the effects of heat and of chemical affinity upon it, have been the same, we have every reason to believe, from the Cambrian age to the present, and as a consequence, it cannot be doubted that the vital actions of the trilobites were governed by the same physiological laws as those by which we now live and move and have our being. For leaving the phenomena of

consciousness out of the question, physiology is but an application of physics and chemistry.

5. Now, just as the restorations of the palæontologist imply his confidence in the uniformity of the great laws of morphology throughout all time, so the chronology of geology, the basis of the whole science, rests upon a like assumption with regard to the general uniformity of the laws of physics and chemistry. It would be ridiculous to argue from the superposition of ancient beds, unless we assumed that their constituent particles gravitated in the same way then as now; the identity of mineral character of two beds could prove nothing, without the assumption that the laws governing chemical changes have always been the same; and, in like manner, we can reason on the general habits of ancient living beings only on the assumption that the great laws of physiology were the same then as now. No half measures will avail; we must be prepared either to assume the general uniformity of ancient and modern action, or we must give up the problem, for no other hypothesis affords the least criterion of truth, or the slightest check upon the play of the imagination. But if we may argue from like effects to like causes, then geological chronology is as much a matter of science, and capable of being tested as thoroughly, as any other case of succession.

The arguments on which these chronological considerations are founded are simple and intelligible enough. It has been already proved that, in the present state of things, the lowest of any series of beds which have been deposited from water is of necessity the oldest. If, then, the great majority of the ancient strata have also been deposited from water, if they are nothing but the hardened muddy beds of ancient seas and lakes, (a fact of which there is abundant evidence,) then the same law necessarily applies to them, the lowest stratum is the oldest, and the super-

jacent beds have all been deposited during a subsequent period. The argument applies with equal force to the whole crust of the earth, and if we could tell how much time was required for the formation of each bed, we should, by adding all the periods together, arrive at the smallest possible interval which can have elasped since the deposition of the oldest bed. We have no data sufficient to enable us to say, with any approximation to accuracy, how long it takes to deposit sufficient mud or sand to form, when hardened, a layer of rock two feet thick; but we are quite safe in saying that neither lake nor sea ever deposited that amount upon its bed in the course of a year.* Now, the total measured thickness of ancient strata, deposited either from fresh or salt water, is not less than 60,000 feet, (or about 12 miles), so that, even assuming them to have been deposited, without interruption, at a rate faster than any sea or lake deposits mud now-a-days, we should still require a period six times as long as that of which any human record exists, for their formation. But, in truth, when we take into account the probably immensely greater time required for the formation of two feet of sedimentary deposit; the vast amount of rock which has been formed and subsequently swept away by denudation, so that it is not reckoned in estimating this total thickness of the strata; and the possibility that masses of strata, which will require interpolation in the general series, lie hidden from our view, in parts of the world which have not yet been examined, or under the present bed of the sea; the most sober calculator will hardly venture to limit the factor by which even a period of 30,000 years should be multiplied

* Exceptional deposits, as for instance, by earthquake floods, are here left out of consideration, as they can have had but little influence on the sum total of the aqueous formations. The total thickness of the latter here assumed is midway between the estimates of Professor Phillips and Sir C. Lyell.

to give the whole period recorded by the monuments of geology.

The conclusions here drawn from the facts of physical geology are in perfect unison with the chronological indications afforded by fossils. Beds many feet in thickness, composed of the remains of marine animals, their shells unbroken and undisturbed, and sometimes covered with parastic growths (just like recent dead shells which remain long undisturbed at the bottom of the ocean) are constantly met with. Here and there are thick strata, composed of nothing but the remains of microscopic plants and animals, which must have required a vast time for their aggregation; elsewhere, the vestiges of huge coral reefs testify that innumerable generations of their slowly growing fabricators must have lived and died, undisturbed, in one locality; and, in some places, enormous accumulations of the bones of large VERTEBRATA, each individual of which must have required many years to attain its full growth, tell the same tale.

The two great astronomical truths to which the general mind has always found the greatest difficulty in assenting are, first, the doctrine that the seemingly fixed earth moves, while the apparently moving sun stands still; secondly, that the earth is but a particle, and the diameter of the system to which it belongs insignificant, when compared with the vast space which separates one of the greater heavenly bodies from another. Geology presents two corresponding truths, as hard to believe and yet as well founded. The first is, that the seemingly fixed land is subject to incessant oscillations, while the sea, so mobile on the small scale, remains in reality comparatively unchanged. The other is, that our historical period, even if we include the widest limit to which tradition would carry the records of our race, is but an insignificant portion of the countless ages which have elasped since the animals, the remains of which are exposed to view in the Lower

Silurian cases of this collection, lived and died and were buried, in the oozy bed of the ocean of that period.

We are, therefore, compelled to believe that a general uniformity has prevailed in the operations of physical and vital nature throughout all time of which we have any record; but just as the generally uniform and regular movement of the celestial bodies is quite consistent with minor and subordinate perturbations, so the proved uniformity of action of the causes in operation in the physical world, by no means excludes the possibility of occasional sudden and immense changes, or "catastrophes," as they have been called; nor does the equally evident general uniformity of plan, predominant throughout the ancient fauna and flora, in any way interfere with very great and important deviations from those which now exist.

The whole series of strata is divided into three great groups, the oldest of which is termed the PALÆOZOIC, or primary; the next in age the MESOZOIC, or secondary; the youngest the CAINOZOIC or tertiary. Each of these groups is broken up into smaller divisions, which are termed FORMATIONS.

The formations, again, are frequently subdivided, for convenience sake, into upper, middle and lower groups, each of which is primarily composed of a greater or less number of distinct strata.* The number of strata in a group is a matter of unimportance, depending as it does upon accidental physical conditions; but the number of groups in a formation and the limits of the latter, are, or should be, determined by natural characters afforded by the prevalence of characteristic associations of fossils. Formations, therefore, to a certain extent, stand in the same relation to past time as do provinces of geographical distribution to present space; and they are characterized, like geographical provinces, by a fauna or flora more or less

* *See* the Table of Formations at the end of this Section.

peculiar to themselves, and distinct from those of other provinces. Consequently, the palæontologist, who is a sort of "Kobold" or subterranean traveller, meets in his progress from the existing creation to the remains of the most ancient known condition of things—a journey which may be made by walking from case to case in the galleries of this Museum—with a series of changes in the organic population very similar in character to those which, as has been pointed out above, offer themselves to a circumnavigator of our globe, though they are greater in degree.

6. In the natural history collection in the British Museum, a great proportion of the known forms of living beings are gathered together. Let us suppose it possible that any one should acquaint himself with all these forms of animals and plants, so thoroughly, as to be able at once to recognize them, and having done so, let him walk round the galleries of this museum, commencing with the cainozoic, and ending with the palæozoic formations, comparing, in his progress, the fossil with the recent forms. A careful scrutiny of the most modern, or postglacial and newer pliocene fossils, would show that the genera of animals which lived then were the same as those which now exist, and that even the species of all but the *Mammalia* are identical; but, at the same time, it would be remarked that the entire association of animals—the fauna as a whole—was very different from that now existing in Great Britain. Thus far, then, the visitor might be inclined to ascribe the changes observed to climatal alteration merely, and to suppose that the really extinct species had simply died out, just as the Dodo, and the *Dinornis*, and Steller's Seacow have died out, in modern times. On passing to the older pliocene, or next oldest, formation, however, he would find a few genera, and a considerable number of species, quite different from any which he had observed in the British Museum; and this increase of new species and new genera would go on as he passed back to the miocene and the

eocene cases, until, in the latter, he would be unable to identify more than a few per cent. of all the numerous species with those with which he was previously acquainted. He would observe this remarkable change to be accompanied by clear indications of a gradual alteration in climate from a colder than the present, to a warmer; the species in the older beds, identifiable with those now living, belong to warmer latitudes than ours, and the new ones are allied to existing tropical forms.

There is every reason to believe, then, that in the eocene period the climate of England was such as is at present found only in the tropics; but the population was not precisely such as now inhabits the tropics. It was very like it in general aspect, but almost entirely different in detail. Here, then, is something which cannot be explained by migration and extinction, any more than we can explain the fauna of New Holland by supposing it to be that of Europe modified by like causes. Here is evidence, that an almost complete replacement of the animals constituting the eocene fauna, by others different from them, though capable of living under similar circumstances, has taken place in more recent times.

But if this result comes out clearly, even from an examination of the tertiary strata, it is still more obviously shown by the investigation of the mesozoic fauna. Here all the species, with a few exceptions among the lowest forms of life, are different from those now living. Numerous new generic types make their appearance, and of the 14 or 15 extinct ordinal types which have been admitted four are found, in the mesozoic rocks, among the REPTILIA alone, one in the AMPHIBIA, and one in the BRACHIOPODA; but it is a most remarkable fact that, throughout the rest of the classes of the animal kingdom, no new ordinal type appears in the mesozoic rocks. The climate would seem to have been more tropical than that which now exists in corresponding latitudes; but the caution already given,

that it is very hazardous to draw conclusions as to climate from assemblages of species entirely distinct from those now living, must not be forgotten.

As we pass the limit between the mesozoic and the palæozoic strata, a change is observed almost as great as that between the cainozoic and mesozoic systems. The great reptiles characteristic of the latter disappear, and fishes of a very peculiar aspect abound in some of the formations. The other extinct ordinal types make their appearance, two among the CRUSTACEA, three among the ECHINODERMATA, two in the BRACHIOPODA, one among the ACTINOZOA; and those animals which belong to ordinal types at present existing, differ widely in the relative proportions of the different orders from that observed in the existing fauna. As we go lower in the series, the remains of vertebrate animals become more and more scarce, and at last cease to be found; then the remains of living beings of any kind become more and more scanty, until in the lowest beds in which organic remains have been discovered, we find only CRUSTACEA, PTEROPODA, TRILOBITES, CYSTIDEA, and BRACHIOPODA, the problematical organisms termed *Graptolites*, and indications of annelids and plants.

So far as the evidence before us goes, then, it appears, that the population of our globe has undergone a long series of changes, the groups of forms which at first existed being replaced by others, and these by fresh forms until those which now exist made their appearance; there is clear evidence of a *successive* change of life. Can any law be discovered governing this succession? Is it true, that, as many suppose, the change has not only been *successive* but *progressive;* that the most ancient creatures are the most imperfectly organized, and that their successors exhibit a gradual advance towards greater and greater perfection? The evidence on this question may be divided into negative and positive. Under the former head we have the unquestionable fact, that hitherto the most highly

organized forms of the VERTEBRATA, ANNULOSA, and CEPHALOPODA, have been found most abundantly in the cainozoic and mesozoic formations, and that they have not yet been discovered in the very oldest rocks. Under the latter, we have the equally unquestionable facts, firstly, that the oldest known forms of life are neither the lowest organized in the animal kingdom, nor even the lowest of their respective classes and orders; on the contrary, the lowest British fossiliferous strata contain no representatives of either the CŒLENTERATA or the PROTOZOA, the two most simply organized sub-kingdoms of animal life.

Secondly, the earliest forms of life have no real resemblance to embryonic conditions of the animals which have succeeded them; on the contrary, the earliest forms of fishes and of mollusks belong to the most highly organized orders of each class; and among reptiles, some of the earlier forms appear to have been as highly organized as those which succeed them.

Thirdly, it is certain that many animals and plants have retained the same type of structure through enormous periods. There are Carboniferous plants which appear to be generically identical with some now living; the cone of the Oolitic *Araucaria* is hardly distinguishable from that of an existing species; a true *Pinus* appears in the Purbecks and a *Juglans* in the Chalk; and from the Bagshot Sands, a *Banksia* the wood of which is not distinguishable from that of species now living in Australia has been obtained. The tabulate corals of the Silurian rocks are wonderfully like those which now exist; and even the families of the Aporosa are all represented in the older mesozoic rocks.

Among the MOLLUSCA, *Avicula*, *Mytilus*, *Chiton*, *Natica*, *Patella*, *Trochus*, *Discina*, *Orbicula*, *Lingula*, *Rhynchonella*, and *Nautilus*, all of which are existing *genera*, are also Silurian; while the highest forms of the highest

Cephalopods are represented in the Lias by a genus, *Belemnoteuthis*, which presents the closest relation to the existing *Loligo*.

The two highest groups of the ANNULOSA, INSECTA, and ARACHNIDA, are represented in the coal, either by existing genera, or by forms differing from existing genera in quite minor peculiarities.

Among the VERTEBRATA, the only palæozoic Elasmobranch fish of which we have any complete knowledge is the Devonian and Carboniferous *Pleuracanthus*, which differs no more from existing sharks than these do from one another.

Again, vast as is the number of undoubtedly Ganoid fossil fishes, and great as is their range in time, a large mass of evidence has recently been adduced to show that almost all those, respecting which we possess sufficient information, are referrible to the same subordinal groups as the existing *Lepidosteus*, *Polypterus*, and Sturgeon; and that a singular relation obtains between the older and the younger fishes; the former, the Devonian Ganoids, being almost all members of the same sub-order as *Polypterus*, while the mesozoic Ganoids are almost all similarly allied to *Lepidosteus*.

The Pycnodonts persist, with but insignificant modifications, from the carboniferous to the tertiary rocks, inclusive; the true Cœlacanths, with still less change, from the carboniferous rocks to the chalk, inclusive.

Among reptiles, the highest living group, that of the *Crocodilia*, is represented at the early part of the Mesozoic epoch by species identical in the essential characters of their organization with those now living; differing from the latter only in such matters as the form of the articular facets of the vertebral centra, in the extent to which the nasal passages are separated from the cavity of the mouth by bone, and in the proportions of the limbs.

And even as regards the MAMMALIA, the scanty remains

of Triassic and Oolitic species afford no foundation for the supposition that the organization of the oldest forms differed nearly so much from some of those which now live, as these differ from one another.

However much, then, the negative evidence may seem, without further consideration, to favour the notion of a progressive development of life from the oldest to the latest periods, such positive evidence as we possess is, either opposed to it, or capable of another interpretation; and when we come to consider that not a single part of the earth's surface has been examined with anything like the care that has been bestowed upon the British islands, in which the remains of the higher animals have been discovered far lower than anywhere else; when we remember that not more than two-fifths of the ancient rocks can by any possibility be explored by us under the present relative proportions of land and sea; that of this two-fifths not one-fiftieth has yet been carefully examined; and when, in addition to all these considerations, we recollect how greatly the chances are against the preservation of the remains of the highest, invariably terrestrial, forms of life in marine deposits, we may well hesitate before adopting any hypothesis based on negative evidence only.

There may, or there may not, have been a progressive development of animal and vegetable life; but the palæontological evidence before us does not justify the assertion that any proof of such progressive change, if it ever occurred, exists.

TABULAR VIEW of the CLASSES and ORDERS of the ANIMAL KINGDOM.—(*See* p. xix)

Sub-kingdom I.—PROTOZOA.

Province I.—ASTOMATA.

Class 1.—GREGARINIDA. Class 2.—RHIZOPODA.* Class 3.—SPONGIDA.*

Province II.—STOMATODA.

Class 1.—INFUSORIA.

Sub-kingdom II.—CŒLENTERATA.

Class I.—HYDROZOA.

Order 1. *Hydridæ.*
2. *Corynidæ.*
3. *Sertularidæ.*
4. *Diphydæ.*
5. *Physophoridæ.*
6. *Lucernaridæ.*

Class II.—ACTINOZOA.

Sub-class.

Zoantharia.

Order 1. *Actinidæ.*
2. *Zoanthidæ.*
3. *Antipathidæ.*
4. *Aporosa.*
5. *Perforata.*
6. *Tabulata* (?).

Alcyonaria.

1. *Beroidæ.*
2. *Alcyonidæ.*
3. *Gorgonidæ.*
4. *Tubiporidæ.*
5. *Rugosa.*

Sub-kingdom III.—MOLLUSCA.

Province I.—MOLLUSCOIDA.

Class 1.—ASCIDIOIDA.

Class 2.—POLYZOA.

Order 1. *Cyclostomata.*
2. *Cheilostomata.*
3. *Ctenostomata.*
4. *Hippocrepia.*
5. *Pedicellinida.*

Class 3.—BRACHIOPODA.

Order 1. *Terebratulidæ.*
2. *Spiriferidæ.*
3. *Rhynchonellidæ.*
4. *Orthidæ.*
5. *Productidæ.*
6. *Craniadæ.*
7. *Discinidæ.*
8. *Lingulidæ.*

Province II.—LAMELLIBRANCHIATA.

Class 1.*—CONCHIFERA.

Province III.—ODONTOPHORA.

Class 1.*—BRANCHIOGASTEROPODA.

Class 2.*—PULMOGASTEROPODA.

Class 4.*—PTEROPODA.

Class 5.—CEPHALOPODA.

Order 1. *Dibranchiata.*
2. *Tetrabranchiata.*

* Thoroughly satisfactory ordinal sub-divisions of the classes marked * have yet to be made.

Sub-kingdom IV.—ANNULOSA.

Province I.—ANNULOIDA.

Class 1.—ROTIFERA.

Class 2.—ECHINODERMATA.

Order 1. *Echinidea.*
2. *Ophiuridea.*
3. *Blastoidea.*
4. *Edrioasterida.*
5. *Cystidea.*
6. *Holothuridea.*
7. *Asteridea.*
8. *Crinoidea.*

Class 3.—TURBELLARIA.

Class 4. ENTOZOA.

Province II.—ANNULATA.

Class 1.—ANNELIDA.

Order 1. *Polychæta.*
2. *Oligochæta.*
3. *Discophora.*
4. *Sagittida* (?).

Province III.—ARTICULATA or ARTHROPODA.

Class 1.—CRUSTACEA.

Order 1. *Podophthalmia.*
2. *Stomapoda.*
3. *Branchiopoda.*
4. *Copepoda.*
5. *Ostracoda.*
6. *Cirripedia.*
7. *Pœcilopoda.*
8. *Edriophthalmia.*
9. *Trilobita.*
10. *Eurypterida.*

Class 2.—ARACHNIDA.

Order 1. *Pulmonata.*
2. *Amphipneusta.*
3. *Trachearia.*
4. *Pycnogonida.*
5. *Tardigrada* (?).

Class 3.—MYRIAPODA.

Order 1. *Chilognatha.*
2. *Chilopoda.*

Class 4.—INSECTA.

Order 1. *Coleoptera.*
2. *Orthoptera.*
3. *Neuroptera.*
4. *Hemiptera.*
5. *Diptera.*
6. *Lepidoptera.*
7. *Hymenoptera.*
8. *Strepsiptera.*
9. *Aptera.*

Sub-kingdom V.—VERTEBRATA.

Province I.—ICHTHYOPSIDA.

Class 1.—PISCES.

Order 1. *Pharyngobranchii.*
2. *Marsipobranchii.*
3. *Teleostei.*
4. *Ganoidei.*
5. *Elasmobranchii.*
6. *Dipnoi.*

Class 2.—AMPHIBIA.

Order 1. *Batrachia.*
2. *Saurobatrachia.*
3. *Ophiomorpha.*
4. *Labyrinthodonta.*

Province II.—SAUROPSIDA.

Class 1.—REPTILIA.

er 1. *Chelonia.*
2. *Ophidia.*
3. *Lacertilia.*
4. *Crocodilia*
5. *Pterosauria.*
6. *Plesiosauria.*
7. *Ichthyosauria.*

Class 2.—AVES.

Order 1. *Raptores.*
2. *Scansores.*
3. *Passeres.*
4. *Columbæ.*
5. *Gallinæ.*
6. *Cursores.*
7. *Grallæ.*
8. *Palmipedes.*

Province III.—MASTOZOA.

Class 1.—MAMMALIA.

Sub-Class.—PLACENTALIA.

er 1. *Primates.*
2. *Cheiroptera.*
3. *Insectivora.*
4. *Rodentia.*
5. *Carnivora.*
6. *Proboscidea.*
7. *Perissodactyla.*
8. *Artiodactyla.*
9. *Sirenia.*
10. *Cetacea.*
11. *Edentata.*

Sub-Class.—IMPLACENTALIA.

Order 1. *Marsupialia.*
2. *Monotremata.*

* No members of the Classes GREGARINIDA, STOMATODA, ASCIDIOIDA, TIFERA, TURBELLARIA, or ENTOZOA, have been, or are likely ever to be, found sil; their orders, therefore, are not given.

TABULAR VIEW of the WHOLE SERIES of AQUEOUS and FOSSILIFEROUS ROCKS —(*See* p. lxviii.)

- **CAINOZOIC, or TERTIARY.**
  - **RECENT AND POST-GLACIAL BEDS**
    - Fresh-water
      - BLOWN SAND.—PEAT.
      - *Lake Deposits.*
      - *Old River Alluvium (Brick Earth) (Warp).*
      - *Clay and Sand of Humber.*
      - *Old River Gravel.*
    - Marine
      - *Shingle.*
      - *Recent Marine (Burtle Beds).*
      - *Cave Deposits.*
      - *Raised Beaches.*
  - **PLIOCENE**
    - Newer
      - *Sand, Gravel, and Brick Clays (Eskers.)*
      - *Upper Erratic Boulder Beds.*
      - *Lower Boulder Beds (Till.)*
      - *Grays, Copford, and Brentford Beds.*
    - Older
      - *Cave Deposits.*
      - *Norwich Crag.*
      - *Red Crag.*
      - *Coralline Crag.*
  - **MIOCENE?**
    - *Bovey and Isle of Mull Beds with Vegetable Remains.*
  - **EOCENE**
    - Upper
      - *Hempstead Beds (Isle of Wight)*
      - *Bembridge Beds*
      - *Headon, St. Helen's, & Osborne Beds.*
      - *Fluvio-Marine.*
    - Middle
      - *Upper Bagshot Sands.*
      - *Barton Clay.*
      - *Bracklesham Sands.*
      - *Middle Bagshot.*
      - *Lower Bagshot Beds.*
    - Lower
      - *London Clay.*
      - *Woolwich & Reading Beds.*
      - *Thanet Beds.*
- **MESOZOIC, or SECONDARY.**
  - **UPPER MESOZOIC.**
    - **CRETACEOUS**
      - Upper
        - *Upper Chalk.*
        - *Lower Chalk.*
        - *Chalk Marl.*
        - *Chloritic Marl.*
        - *Upper Greensand.*
        - *Gault.*
      - Lower
        - *Lower Greensand.*
        - *Weald Clay.*
        - *Hastings Sands and Clays.*
    - Upper
      - *Upper, Middle, Lower* — *Purbeck Beds.*
      - *Portland Stone.*
      - *Portland Sand.*
      - *Kimmeridge Clay.*
    - Middle
      - *Upper Calcareous Grit.*
      - *Coral Rag.*
      - *Lower Calcareous Grit.*
      - *Oxford Clay.*
      - *Kellaways Rock.*

MESOZOIC, or SECONDARY.	LOWER MESOZOIC.	OOLITIC	Lower	*Cornbrash.* *Forest Marble.* *Bradford Clay.* *Great or Bath Oolite.* *Stonesfield Slate.* *Fullers' Earth.* *Inferior Oolite.* *Upper Lias Sands.* *Upper Lias Clay.* *Middle Lias.—Marlstone.* *Lower Lias Clay and Limestone.*
				Penarth Beds (Rhætic).
		TRIASSIC		*Keuper.* *Dolomitic Conglomerate.* *Bunter.*
	UPPER PALÆOZOIC.	PERMIAN		*Magnesian Limestone.* *Lower Red Sandstones and Marls.*
		CARBONIFEROUS		*Upper Coal Measures.* *Middle Coal Measures.* *Lower Coal Measures.* *Millstone Grit.* *Carboniferous Limestone.* *Lower Limestone Shales.*
		OLD RED SANDSTONE AND DEVONIAN		*Upper* *Middle* *Lower* } *Devonian.*
PALÆOZOIC, or PRIMARY.	LOWER PALÆOZOIC.	SILURIAN	Upper	*Tilestones.* *Upper Ludlow Beds.* *Aymestry Limestone.* *Lower Ludlow Beds.* *Wenlock Limestone.* *Wenlock Shale, with Sandstone and Flags.* *Woolhope Limestone and Shale.* *Denbighshire Grits.* *Tarannon, or Pale Slates.* *Upper Llandovery Rock, or May Hill Sandstone.*
			Lower	*Lower Llandovery Rock, Conglomerates, Sandstones, Shales.* *Caradoc or Bala Sandstone, with Bala Limestone.* *Llandeilo Flags and Limestones.* *Graptolite Shales and Slates.* *Tremadoc Slates.* *Lingula Beds.*
		CAMBRIAN		*Harlech, Llanberris, St. David's, and Longmynd, Grits and Conglomerates with Pale and Green Slates.*
		LAURENTIAN		*Fundamental Gneiss of the Lewis, &c.*

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LOWER GALLERY.

ÆOZOIC DIVISION.

URIAN SERIES. (Flat Cases 1 to 26.)

LOWER SILURIAN GROUP. SECT. I.
FLAT CASES I. to XIII.

Name.	Formation.	Locality.
urf Ripples - - -	Cambrian -	Yearling Hill, Little Stretton.
renicolites sparsus - -	" -	
" - -	" -	Portway.
renicola didyma - -	" -	Carding Mill, and Callow Hill.
renicolites - - -	" -	Yearling Hill, C. Stretton.
alæopyge Ramsayi - -	" -	Callow Hill, Little Stretton.
" - -	" -	" " "
ikelocephalus - - -	" -	Longmynd.
Vave or Surf Ripples - -	" -	Yearling Hill, Ch. Stretton.
ingulella Davisii - -	Lower Lingula flags.	(Lower) Ffestiniog.
"[1] - - -	" -	" Penmorfa (Tremadoc).
" - - -	" -	Pen-y-Bryn, 5 m. N. of Dolgelli.
"[2] - - -	" -	Garth, Tremadoc.
rthis vaticina - - -	" -	Ogof ddu, Cricieth road, Portmadoc.
" - - -	" -	"
ymenocaris vermicauda -	" -	Gwern-y-barcud, Dolgelly.
" "[3] -	" -	Tremadoc.
" "[4] -	" -	Moel-y-Gest, Tremadoc.
aradoxides Davidii - -	" -	St. Davids Head.
gnostus pisiformis - -	" -	East of Maentwrog.
aradoxides Forchhammeri -	" -	North Wales?
lenus micrurus - - -	" -	Trawsfynydd.
" caractaces - - -	" -	Treflys, Criccieth.
" bisulcatus - - -	" -	Malvern.
" humilis[5] - - -	" -	"
" scarabæoides - -	" -	"
" " - -	" -	"

[1] d by D. Homfray, Esq. [2] Presented by Dr. W. Ogle.
[3] D. Homfray, Esq. [4] " — Ash, Esq.
[5] Presented by Miss M. Lowe.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
I.	26	10	Olenus humilis - - -	Lower Lingula flags.	Blackshales, Fowlet Farm, and White leaved oak, Malvern.
	26a	10	" " - - -	" -	Malvern.
	27	6	" alatus - - -	" -	Penmorfa Church.
	27a	1	" pecten - - -	" -	Malvern.
	28	6	Agnostus princeps - -	" -	Garth, Tremadoc.
	28a	1	" Turneri - -	" -	Malvern.
	29	6	Conocoryphe invita - -	" -	Penmorfa Church.
	30	6	Psilocephalus innotatus -	Lower Tremadoc slate.	Near Penmorfa Church. Portmadoc.
	31	8	Conocoryphe depressa - -	" -	" "
	32	3	Niobe Homfrayi - - -	" -	" "
	33	3	Theca (Cleidotheca) operculata.	" -	Borth Wood, Portmadoc.
	34	6	" " -	" -	" " "
	35	8	Angelina Sedgwicki - -	Upper Tremadoc slate.	Tu-hwnt-y-bwlch, Portmadoc.
	36	1	Ogygia scutatrix - - -	" -	Garth, opposite Portmadoc.
	37	3	Lingulella Davisii - - -	" -	" " "
II.	A	1	Beyrichia Barrandiana - -	Lower Llandeilo flags.	Mynydd garw, Beddgelert.
	1	1	Agnostus - - - -	" -	Tai hirion, Arenig.
	2	10	Trinucleus Murchisoni - -	" -	Cefn Gwynlle, Shelve.
	3	1	" Gibbsii - -	" -	St. David's Head (south side).
	4	3	Asaphus Selwynii - - -	" -	Hengwrt-uchaf, near Dolgelly.
	5	1	Illænus perovalis - - -	" -	Traethlliwn, Llanrhian, St. David's.
	6	4	Æglina grandis - - -	" -	St. David's Head (south side).
	7	10	" bi-nodosa - - -	" -	Cefn Gwynlle, Shelve.
	8	3	" caliginosa - -	" -	Ty obry, 2 m. E. of Portmadoc.
	9	2	Ogygia Selwynii - - -	" -	Llanfaelrhys, Caernarvonshire.
	10	5	" " - - -	" -	White Grit Mine, Shelve
	11	2	" peltata - - -	" -	St. David's Head (south side).
	12	2	Dionide atra - - - -	" -	Ty obry, 2 m. E. of Portmadoc.
	13	2	Cheirurus pectinatus - -	" -	Cefn Gwynlle, Shelve.
	14	5	Calymene parvifrons - -	" -	Lord's Hill, Shelve.
	15	7	Orthis calligramma - -	" -	Caeglyd, Manodbach, and Taihirion.
	16	4	Obolella plumbea - - -	" -	White Grit Mine, Shelve
	17	4	" - - - -	" -	Ty obry, 2 m. E. of Portmadoc.
	18	2	Palæarca amygdalus - -	" -	Cefn Gwynlle, Shelve.
	19	2	Bellerophon hippopus - -	" -	Kitton Castle, Shelve.
	20	3	Theca simplex - - -	" -	White Grit Mine, Shelve.
	21	1	" vaginula - - -	" -	Tai hirion, Arenig.
	22	2	Conularia - - - -	" -	Ty obry, 2 m. E. of Portmadoc.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
II.	22a	3	Beyrichia complicata - -	Llandeilo flags.	Llan Mill, E. of Narberth.
	22b	1	Leperditia Solvensis - -	" -	Solva Harbour, St. David's.
	22c	1	Peltocaris - - - -	" -	Dreffkennell, Dumfries.
	22d	7	Agnostus Mc'Coyii - -	" -	Wellfield, Builth.
	23	2	Asaphus tyrannus - - -	" -	St. Clare's, Haverford-west.
	24	1	" " - - -	" -	Llandeilo.
	25	2	" " - - -	" -	"
	26	1	" " - - -	" -	S.W. of Port Ladies.
	27	2	Ogygia Buchii - - -	" -	Wellfield, Builth.
	28	2	" " - - -	" -	Builth.
	29	1	" "[1] - - -	" -	Llandeilo.
	30	3	" Portlockii - - -	" -	Newton Head Passage, Waterford.
	31	1	" " - - -	" -	" " "
	32	1	" " - - -	" -	Pencerrig, Builth.
	33	4	" " - - -	" -	Builth, Carneddau hill.
	34	2	" Corndensis[2] - -	" -	Cornden, Shelve.
	35	1	" Barrandii - - -	" -	Wellfield, Builth.
	36	2	Æglina mirabilis - - -	" -	Stoneford, Haverford-west.
	37	3	" major - - -	" -	3 m. S. of Llanerchymedd, Anglesea.
	37a	1	" - - -	" -	Abereiddy Bay, Pembrokeshire.
	38	1	Illænus Murchisoni - -	" -	Llandeilo.
	39	4	Trinucleus fimbriatus - -	" -	Pencerrig, Builth.
	40	1	" Lloydii - -	" -	Dynevor Park, Llandeilo.
	41	4	" " - -	" -	Llangadock and Middleton.
	42	1	" concentricus -	" -	Middleton, E. of Chirbury.
	43	9	Trinucleus fimbriatus - -	" -	Pencerrig, Builth.
I.	1	6	Ampyx nudus - - -	" -	Builth.
	2	3	" " - - -	" -	Carneddau, Builth.
	3	3	" " - - -	" -	" "
	4	2	" mammillatus - -	" -	Newtown, Waterford.
	5	3	" " - -	" -	" Head passage,
				" -	Waterford.
	6	4	Acidaspis Jamesii - - -	" -	" " "
	7	1	" " - - -	" -	Duncannon, Wexford.
	8	3	Calymene duplicata - -	" -	Abereiddy Bay.
	9	1	" " - -	" -	Pencerrig, Builth.
	10	3	" " - -	" -	" "
	11	6	" " - -	" -	Trecoed "
	12	2	" " - -	" -	Abereiddy Bay.
	13	2	" brevicapitata -	" -	Llan Mill, Llandeilo.
	14	9	Orthis striatula - - -	" -	Pont dwfn and Cefn Rhyddan, Llandovery.
	15	5	" Actoniæ - - -	" -	Garn, Arenig.
	16	3	" confinis - - -	" -	Bogang, Ayrshire.

[1] Presented by the Earl of Enniskillen. [2] Presented by the Rev. J. Cumming.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
III.	17	3	Orthis spiriferoides - -	Llandeilo flags.	Garn, Arenig.
	18	1	„ insularis - - -	„ -	„ „
	19	1	Strophomena - - -	„ -	Near Llandeilo.
	20	3	Leptæna sericea - - -	„ -	Llan Mill, Caermarthenshire.
	21	2	„ quinquecostata - -	„ -	Garn, Arenig.
	22	3	Siphonotreta micula - -	„ -	Wye Ford, Builth.
	23	8	Lingula Ramsayii - - -	„ -	Abereiddy Bay, Pembrokeshire.
	24	1	„ attenuata - - -	„ -	Llandeilo.
	25	2	Obolella, sp. - - - -	„ -	Llanfaelrhys.
	26	1	Lingula granulata - -	„ -	Dynevor Park.
	27	1	„ - - -	„ -	Trecoed, Builth.
	28	1	„ - - -	„ -	Abereiddy Bay, Pembrokeshire.
	29	2	„ - - -	„ -	„ „ „
	30	1	Ctenodonta - - - -	„ -	Pont Lodi.
	31	2	Bellerophon perturbatus -	„ -	Abereiddy Bay.
	32	1	„ „ - -	„ -	Black Slates, Bangor, Bath House.
	33	1	Maclurea - - - -	„ -	Aldeans, Ayrshire.
IV.	1	4	Agnostus limbatus - -	Caradoc -	Wexford.
	2	2	„ trinodus - -	„ -	Chair of Kildare.
	3	2	„ „ - -	„ -	Piedmont Glen, Ayrshire.
	4	8	Trinucleus thersites - -	„ -	Tramore, Waterford.
	5	6	„ seticornis - -	„ -	Desertcreight (Tyrone).
	6	6	„ concentricus -	„ -	Harrage, S.E. Shrewsbury.
	7	2	„ „ - -	„ -	Desertcreight (Tyrone).
	8	3	„ „ - -	„ -	½ m. N. of Bala Lake.
	9	2	„ „ - -	„ -	Dinas Mowddwy (Moel Benddu).
	10	1	„ „ - -	„ -	Pomeroy.
	11	2	„ „ - -	„ -	Desertcreight.
	12	4	„ „ - -	„ -	„
	13	4	„ „ - -	„ -	No. 1, Madryn Park; „ 2, Llanbedog; „ 3, Pwllheli.
	14	2	„ „ - -	„ -	½ m. N. of Bala Lake.
	15	2	„ „ - -	„ -	Cader Dinmael (Cerrig-y-Druidion).
	16	2	„ seticornis - -	„ -	Pomeroy.
	17	8	Ampyx tumidus - - -	„ -	Rhiwlas.
	18	2	„ rostratus - - -	„ -	Desertcreight.
	19	4	„ nasutus - - -	„ -	„
	19a	1	„ pennatus - - -	„ -	Horderley.
	20	3	„ - - -	„ -	Onney River.
	21	6	Asaphus rectifrons - -	„ -	Desertcreight.
	22	5	„ gigas - - -	„ -	„
	23	3	„ „ - - -	„ -	„
	24	1	„ „ - - -	„ -	„
	25	4	„ „ - - -	„ -	„
	26	2	„ Powisii - - -	„ -	Moel-y-garnedd.
	27	1	„ „ - - -	„ -	Bwlch-y-ddaer (Llangedwyn).

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
IV.	28	1	Asaphus intermedius - -	Caradoc -	Tramore, Waterford.
V.	1	4	„ Powisii - - -	„ -	Moel Benddu, Dinas Mowddwy.
	2	2	„ „ - - -	„ -	„ „
	3	1	„ „ - - -	„ -	Bettws-y-Coed.
	4	3	„ scutalis - - -	„ -	Desertcreight.
	5	1	„ „ - - -	„ -	Pomeroy.
	6	3	Stygina latifrons - - -	„ -	Desertcrea.
	7	2	„ „ - - -	„ -	„
	8	4	Æglina mirabilis - - -	„ -	Portrane, co. Dublin.
	9	2	Bronteus Hibernicus - -	„ -	Desertcreight.
	10	1	Cyphaspis megalops - -	„ -	Sholeshook, Haverford-west.
	11	2	„ „ - -	„ -	Portrane (Dublin).
	12	1	Proetus - - - -	„ -	Chair of Kildare.
	13	1	„ latifrons - - -	„ -	Llanbedrog.
	14	4	„ - - -	„ -	Chair of Kildare.
	15	5	Asaphus (Ogygia) radiata -	„ -	South Leinster.
	16	2	„ „ - - -	„ -	Hendre wen (Cerrig-y-Druidion).
	17	3	Illænus Davisii - - -	„ -	Hendre wen.
	18	2	„ „ - - -	„ -	Rhiwlas.
	19	4	„ „ - - -	„ -	„
	20	2	„ „ - - -	„ -	„
	21	1	„ „[1] - - -	„ -	Grug Quarry, Llandeilo
	22	2	„ ocularis - - -	„ -	Chair of Kildare.
	23	5	„ Bowmannii - -	„ -	Tirnaskea, Tyrone.
	24	1	„ „ - -	„ -	Desertcreight.
	25	2	„ Portlockii - -	„ -	„
	26	6	Lichas Hibernica - - -	„ -	„
	27	5	„ „ - - -	„ -	Chair of Kildare.
	28	6	„ laxatus - - -	„ -	Sholeshook, Haverford-west.
	29	4	„ „ - - -	„ -	Chair of Kildare.
	30	2	„ „ - - -	„ -	„ „
	31	1	„ „ - - -	„ -	Rhiwlas.
	32	2	„ bulbiceps - - -	„ -	Chair of Kildare.
	33	2	„ „ - - -	„ -	„ „
I.	1	4	Phacops conophthalmus -	„ -	Llanbedrog.
	2	3	„ „ - -	„ -	Cader Dinmael, Cerrig-y-Druidion.
	3	2	„ „ - -	„ -	Gretton, Cardington.
	4	2	„ Jamesii - -	„ -	Tramore.
	5	1	„ „ - -	„ -	Waterford, on the Suire.
	6	2	„ Jukesii - - -	„ -	W. of Gelli Grin, *Bala*.
	7	1	„ amphora - -	„ -	Grug, near Llandeilo.
	8	7	„ Brongniartii - -	„ -	Desertcreight.
	9	1	„ „ - -	„ -	Chair of Kildare.
	10	2	„ „ - -	„ -	Below Llanfyllin.
	11	3	„ apiculatus - -	„ -	Hope Bowdler, Ch. Stretton.
	12	2	„ „ - -	„ -	Peraver, Gorwan Haven.

[1] Presented by Mathew Moggridge, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
VI.	13	5	Phacops apiculatus - -	Caradoc -	Madryn Park, Caernarvon.
	14	1	„ truncatocaudatus -	„ -	Gretton, *Shropshire.*
	15	3	„ „ -	„ -	Desertcreight.
	16	3	„ „ -	„ -	„ Tyrone.
	17	1	„ „ -	„ -	„
	17a	3	„ „ -	„ -	Llanddowror.
	18	2	„ obtusicaudatus[1] -	„ -	Coldwell, Westmorland.
	19	4	„ „ -	„ -	„ „
	20	4	„ mucronatus - -	„ -	Pen-y-rhiw.
	21	1	Cybele verrucosa - - -	„ -	Dublin.
	22	1	„ „ - - -	„ -	Tramore, Waterford.
	23	1	„ „ - - -	„ -	Belan, Llanfyllin.
	24	4	„ „ - - -	„ -	Sholeshook, Haverfordwest.
	25	3	„ „ - - -	„ -	Birds Hill Quarry, Llandeilo.
	26	2	„ arenosa - - -	„ -	Carrick, Adaggan.
	27	2	„ rugosa - - -	„ -	„ „
	28	2	Amphion pseudo-articulatus -		Tramore.
	29	3	Encrinurus multisegmentatus.	„ -	Desertcreight.
	30	1	„ „ -	„ -	Montgomeryshire.
	31	1	„ „ -	„ -	Fermanagh.
	32	3	„ sexcostatus -	„ -	Rhiwlas.
	33	4	„ „ -	„ -	„
	34	6	„ „ -	„ -	Sholeshook, Haverfordwest.
	35	1	Staurocephalus globiceps -	„ -	Desertcreight.
	36	3	„ McLareni[2] -	„ -	Piedmont Glen.
	37	1	„ Murchisoni -	„ -	½ S. of Bryn Bedwog.
	38	1	„ - -	„ -	Chair of Kildare.
	39	5	Cheirurus bimucronatus -	„ -	Sholeshook.
	40	2	„ „ -	„ -	„
	41	4	„ „ -	„ -	Chair of Kildare.
	42	5	„ gelasinosus - -	„ -	Tyrone.
	43	1	„ „[3] - -	„ -	Craig Head (Girvan Water).
	44	2	„ cancrurus - -	„ -	Chair of Kildare.
	45	9	„ clavifrons - -	„ -	Sholeshook.
	46	3	„ „ - -	„ -	Chair of Kildare.
	47	3	„ octolobatus - -	„ -	Rhiwlas.
	48	1	Spherexochus - - -	„ -	Sholeshook.
	49	2	„ juvensis - -	„ -	Chair of Kildare.
	50	8	„ mirus - -	„ -	„ „
VII.	1	2	Acidaspis Caractaci - -	„ -	Gretton (Cardington).
	2	1	„ - -	„ -	Chair of Kildare.
	3	2	„ bispinosus - -	„ -	„ „
	4	1	„ - -	„ -	Llanddowror.
	5	3	Calymene brevicapitata -	„ -	Pen-y-maen.
	6	1	„ „ - -	„ -	Desertcreight.
	7	1	„ „ - -	„ -	2¼ m. W. of Dolmaen.

[1] Presented by T. Rowlandson, Esq. [2] Presented by Professor Wyvill Thompson.
[3] Presented by C. Moore, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
I.	8	3	Calymene Blumenbachii -	Caradoc -	Desertcreight.
	9	6	„ brevicapitata -	„ -	Pen-y-maen.
	10	2	„ Blumenbachii -	„ -	Onny River.
	11	1	Homolanotus bisulcatus -	„ -	Garnedd.
	12	3	„ „ -	„ -	Moel-y-garnedd.
	13	9	„ „ - -	„ -	„
	14	3	„ „ - -	„ -	Hope Bowdler.
	15	2	„ rudis - -	„ -	Harnege Grange.
	16	3	„ „ - -	„ -	Cader Dinmael.
	17	4	Remopleurides dorsospinifer	„ -	Desertcreight
	18	4	„ „	„ -	Tramore.
	19	2	„ lateri spinifer	„ -	Tirnaskea.
	20	1	„ longicostatus	„ -	„
	21	1	„ Colbii - -	„ -	Desertcreight.
	22	1	„ radians - -	„ -	Rhiwlas.
	23	1	„ obtusus - -	„ -	Desertcreight.
	24	3	„ - - -	„ -	Rhiwlas.
	24a	1	„ platyceps -	„ -	Ballynasissala, Waterford.
	25	2	Harpes Doranii - - -	„ -	Desertcreight.
	26	1	„ „ - - -	„ -	Pont Hafodgynfont.
	27	5	„ Flannaganni - -	„ -	Desertcreight.
	28	7	Cyphoniscus socialis - -	„ -	Chair of Kildare.
	29	1	Beyrichia affinis - - -	„ -	Waterford.
	30	2	„ strangulata - -	„ -	Sholeshook.
	31	2	„ „ - -	„ -	Harnage.
	32	1	„ „ - -	„ -	Robeston Wathen.
	33	2	„ - -	„ -	Sholeshook.
	34	1	„ complicata - -	„ -	Abermarchnant.
	35	1	„ „ - -	„ -	Gallt-y-foel (Betws-y-Coed).
	36	2	Olenus - - - - -	„ -	Shireton.
	37	15	Cythere phaseolus - -	„ -	Chair of Kildare.
	38	1	„ umbonata - -	„ -	Pistyll Cwmllech, Llanfyllin.
	39	1	Leperdita - - - -	„ -	Chair of Kildare.
	40	4	Spherexochus mirus - -	„ -	„ „
	41	3	Staurocephalus - - -	„ -	Portrane, Dublin.
	42	4	Cyphoniscus socialis - -	„ -	Kildare.
	43	4	„ „ - -	„ -	„
	44	1	Agnostus trinodus[1] - -	„ -	Piedmont Glen.
	45	1	Salteria punctata - - -	„ -	Waterford.
I.	1	3	Rhynchonella apiculata -	„ -	Chair of Kildare.
	2	1	„ - - -	„ -	„ „
	3	1	„ æmula - -	„ -	„ „
	4	1	„ - - -	„ -	Craig Head, Girvan.
	5	3	„ - - -	„ -	Cerrig-y-Druidion.
	6	5	„ - - -	„ -	Desertcreight, Tyrone.
	7	1	„ - - -	„ -	Harnage Park, Cressage.
	8	4	„ - - -	„ -	
	9	2	„ calyptycha -	„ -	Llan Mill, Narberth.
	10	7	Atrypa marginalis - -	„ -	Chair of Kildare.
	11	1	„ „ - - -	„ -	Killeg Pomeroy.
	12	1	Orthis calligramma - -	„ -	Cwm-gwnnenuchaf.

[1] Presented by Professor Wyvill Thompson.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
VIII.	13	1	Orthis calligramma	Caradoc	Bryn Bedwog, ¾ m. S.W.
	14	6	" "	"	" "
	15	1	" "	"	Knockmahon.
	16	1	" "	"	Bryn Gwyn.
	17	2	" "	"	Llanbabó.
	18	1	" "	"	Desertcreight.
	19	5	" striatula	"	Grug Llandeilo.
	20	2	"	"	Pen-yr-rhiw, Bala.
	21	4	" crispa	"	Tramore.
	22	1	" porcata	"	Meifod.
	23	1	" "	"	Bwlch-y-Ciban.
	24	3	" "	"	Desertcreight.
	25	2	" "	"	Birds Hill, Llandeilo.
	26	7	" biforatus	"	Chair of Kildare.
	27	4	" "	"	Bryn Bedwog, Bala.
	28	4	" "	"	Llanfyllin.
	29	2	" "	"	Cwm-gwnnenuchaf.
	30	3	" vespertilio	"	Near Bala Lake.
	31	3	" "	"	Harnage, S.E. of Shrewsbury.
	32	3	" "	"	" "
	33	1	" "	"	Gretton, Cardington.
	34	1	" "	"	Corston Farm, Hopesay.
	35	7	" alternata	"	Elgwys Anne, N. of Bala.
	36	3	" "	"	Pentre llymru, Llanfyllin.
	37	3	" biloba	"	Robeston Wathen, &c.
	38	1	" tricenaria [1]	"	Piedmont Glen.
	39	1	" testudinaria	"	Hollies Farm, Shropshire.
	40	2	" "	"	Chenney Longville.
	41	3	" "	"	Acton Scott, Church Stretton.
	42	4	" turgida	"	Penllech Ysputty Evan.
	43	5	" "	"	" "
	44	5	" monilifera	"	Chair of Kildare.
	45	5	" sagittifera	"	Cwm-yr-Aethin.
	46	7	" flabellulum	"	Boduan, Carnarvonshire.
	47	6	" "	"	" "
	48	4	" unguis	"	Cheny Longville, Gretton, Cardington.
	49	1	" "	"	Acton Scott.
	50	6	" Actoniæ	"	Robeston Wathen.
	51	3	" "	"	Bala.
	52	5	" spiriferoides	"	Pont Rhiwedog.
	53	2	" "	"	Llanfyllin.
	54	3	" elegantula [2]	"	"
	55	2	" "	"	Madryn Park, Caernarvonshire.
	56	5	" retroflexa	"	Chair of Kildare.
	57	7	" insularis	"	" "
	58	1	" lunata	"	Desertcreight, Tyrone.
	59	3	" simplex	"	Chair of Kildare.
	60	2	" fallax	"	Desertcreight.

[1] Presented by Dr. Thomson. [2] Presented by — Prosser, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
II.	61	1	Orthis intercostata	Caradoc	Tyrone.
	62	1	,,	,,	Moelydd, Oswestry.
	63	1	,,	,,	,, ,,
	64	1	,, filosa	,,	Dunabrattin, Waterford.
	1	1	Strophomena grandis	,,	Pwllywrach-uchaf, Llanfyllin.
	2	1	,, ,,	,,	Tirnaskea, Tyrone.
	3	3	,, ,,	,,	Acton Scott, Ch. Stretton.
	4	1	,, tenuistriata	,,	,, ,,
	5	1	,, ,,	,,	Desertcreight.
	5a	1	,, ,,	,,	Coinstone, Waterhead.
	6	2	,, ,,	,,	Cader Dinmael.
	7	4	,, concentrica	,,	Harnage, S. E. Shrewsbury.
	8	2	,, ,,	,,	,, ,,
	9	2	,, expansa	,,	Hope Bowdler, Ch. Stretton.
	10	1	,, ,,	,,	Soudley, Ch. Stretton.
	11	5	,, ,,	,,	Llanberis Pass.
	12	4	,, alternata	,,	Madryn Park.
	13	3	,, ,,	,,	Acton Scott, Gretton.
	14	2	,, ,,	,,	Cheny Longville.
	14a	2	,, ,,	,,	Portrane, Dublin.
	15	4	,, depressa	,,	Pont Hafod Gynfor.
	16	2	,, ,,	,,	Chair of Kildare.
	17	2	,, ,,	,,	,, ,,
	18	3	,, corrugata	,,	Desercreight.
	19	3	,, undulata	,,	Chair of Kildare.
	20	3	,, antiquata	,,	,, ,,
	21	1	Leptæna sericea	,,	Llan-y-cil, Bala.
	22	1	,, ,,	,,	Rhydwen, near Bala.
	23	1	,, ,,	,,	Pwll-y-wrach-isaf, Llanfyllin.
	24	3	,, ,,	,,	Hope Bowdler.
	25	1	,, ,,	,,	Acton Scott.
	26	4	,, ,,	,,	Y Gelli Grin, Bala.
	27	1	,, tenuicincta	,,	Robeston Wathen.
	28	5	,, ,,	,,	Sholeshook Haverfordwest.
	29	6	,, ,,	,,	Bala.
	30	7	,, ,,	,,	Chair of Kildare.
	31	1	,, transversalis	,,	Ty-isaf.
	31a	1	,, ,,[1]	,,	Moelydd, Oswestry.
	32	1	,, sericea	,,	Belau, Llanfyllin.
	33	6	,, quinquecostata	,,	Rhiwlas, Bala.
	34	3	,, scissa	,,	Desertcreight.
	35	2	,, ,,	,,	Sholeshook, Haverfordwest.
	35a	1	,,[1]	,,	Llanfyllin.
	36	9	Crania divaricata	,,	Chair of Kildare.
	37	1	,, ,,	,,	Y Gelli Grin.
	38	3	Discina crassa	,,	Pinnhapple Glen, Ayrshire.

[1] Presented by — Prosser, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
IX.	39	1	Discina perrugata - -	Caradoc -	Desertcreight.
	40	3	,, lævigata - - -	,, -	,,
	40a	2	,, ,, - - -	,, -	,,
	41	2	,, lingulæformis - -	,, -	Chair of Kildare.
	42	3	,, subrotunda - -	,, -	Desertcreight.
	42a	1	,, granulata - - -	,, -	Horderley.
	43	3	Trematis punctata - -	,, -	Hope Bowdler.
	44	4	,, ,, - -	,, -	Cheney Longville.
	45	2	,, - -	,, -	Gretton.
	46	1	Lingula tenuigranulata -	,, -	Pwllywrach-isaf.
	47	1	,, ,, - -	,, -	Pistyll Cwmllech.
	48	1	,, ,, - -	,, -	Goetre Meifod, We pool.
	49	4	,, lata - - -	,, -	Plas-hen Pwllheli.
	50	2	,, - - -	,, -	Desertcreight.
	51	4	,, - - -	,, -	,,
	52	1	,, ovata - - -	,, -	N. of Pentre llymru
	52a	1	,, granulata - -	,, -	Dynevor Park.
	53	3	Siphonotreta [1] - - -	,, -	Conway Castle.
X.	1	1	Ambonychia prisca - -	,, -	Desertcreight, Tyro
	2	2	,, transversa - -	,, -	,, ,,
	3	1	,, undata - -	,, -	,, ,,
	4	2	,, prisca - -	,, -	,, ,,
	5	1	,, trigona - -	,, -	,, ,,
	6	2	,, radiata - -	,, -	,, ,,
	7	1	,, triton - -	,, -	Bird's Hill, Llandei
	8	2	Avicula venusta - - -	,, -	Desertcreight.
	9	1	,, - - -	,, -	Acton Scott.
	10	2	,, semigranulata - -	,, -	Desertcreight.
	11	2	,, orbicularis - -	,, -	,,
	12	2	Modiolopsis ,, - -	,, -	Cheney Longville.
	13	1	,, ,, - -	,, -	Peniarth.
	14	2	,, ,, - -	,, -	Cheney Longville.
	15	2	,, ,, - -	,,	No. 1, Pont Rhiwed No. 2, Llwyn-y-ci.
	16	2	,, modiolaris - -	,,	Hope Bowdler, Stretton.
	17	1	,, ,, - -	,, -	,, ,,
	18	1	,, Dunoyeri - -	,, -	Desertcreight.
	19	3	,, expansa - - -	,, -	,,
	20	2	,, securiformis - -	,, -	,,
	21	1	,, - -	,, -	Pont Rhiwedog.
	22	1	,, - - -	,, -	Gwreiddiau, Llanwdd
	23	2	,, - -	,, -	Haverfordwest, Works.
	24	3	,, Brycei - - -	,, -	Tirnaskea, Tyrone.
	25	1	,, - - -	,, -	Cader Dinmael.
	26	3	Mytilus simillimus - -	,, -	Chair of Kildare.
	27	1	,, mytilimerus - -	,, -	Desertcreight.
	28	1	,, ,, - -	,, -	Chair of Kildare.
	29	3	,, Nerei - - -	,, -	Desertcreight.
	30	2	,, cinctus - - -	,, -	Lisbellaw, Fermanag
	31	1	Orthonota simplex - -	,, -	Desertcreight.

[1] Presented by R. D. Darbishire, Esq.

Tablet.	Specimen.	Name.	Formation.	Locality.
32	1	Orthonota nasuta - -	Caradoc -	Hope Bowdler.
32a	1	" "[1] - -	" -	Alltygader, Llanfyllin.
33	2	Actinodonta - - - -	" -	Desertcreight.
34	3	Pleurorhynchus dipterus -	" -	Chair of Kildare.
35	1	" "[2] -	" -	Girvan.
35a	1	Lunulicardium - - -	" -	Moelydd, Oswestry.
36	5	Palæarca modiolaris - -	" -	Moel-y-garnedd.
37	1	" Billingsiana - -	" -	Nant Torwerth.
38	3	" obscura - - -	" -	Ysputty Evan, Bala.
39	2	" quadrata - -	" -	Bettws-y-coed.
40	1	Solenidæ (one of) - -	" -	Dolbenmaen.
41	1	" - - - -	" -	N.W. of Gallt-y-gader.
42	2	Anatina - - - -	" -	Penwhapple Burn, Girvan.
43	1	(Palæarca) Bulla - - -	" -	Nant Torwerth.
44	2	" anglica - -	" -	N. end Gallt-y-gader.
45	7	Ctenodonta transversa - -	" -	Desertcreight.
46	3	" varicosa - -	" -	Ticklerton.
47	2	" " - -	" -	W. side of W. Arddu.
48	1	" " - -	" -	Bedw-arian, Bala.
49	2	" obliqua - -	" -	Desertcreight.
50	4	" " - -	" -	"
51	1	" " - -	" -	Pen-y-rhiw, W. of Bala.
52	1	" dissimilis - -	" -	Desertcreight.
53	1	" " - -	" -	Barddhessiagh, Tyrone.
54	2	" ambigua - -	" -	Desertcreight, "
55	1	" regularis - -	" -	Barddhessiagh, "
56	2	" semi-truncata -	" -	Desertcreight, "
57	1	" - - - -	" -	Plas-hen, Pwllheli.
58	1	" - - - -	" -	Llanfyllin.
59	2	" - - - -	" -	Dolbenmaen, 2½ m. W. of
1	1	Cyclonema lineatus - -	" -	Desertcreight.
2	2	" granulatus - -	" -	"
3	2	" subsulcatus -	" -	"
4	1	Maclurea McCoyii - -	" -	Aldeans, Ayrshire.
5	1	Cyclonema sigaretiformis -	" -	Chair of Kildare.
6	2	" - - - -	" -	Cefn blewog, Llanfyllin.
7	2	" crebristria - -	" -	Boduan.
8	4	" trimarginatus -	" -	Chair of Kildare.
9	3	" rupestris - -	" -	" "
10	4	" sulcifer - -	" -	Ireland. (?)
10a	1	" crebristria[1] - -	" -	Alltygader.
11	2	Trochonema cinctus - -	" -	Chair of Kildare.
12	2	Bellerophon - - - -	" -	" "
13	1	" - - - -	" -	Desertcreight.
14	1	Euomphalus alatus - -	" -	Chair of Kildare.
15	2	Raphistoma parva - -	" -	Tirnaskea.
16	2	Turbo Euomphaloides - -	" -	Chair of Kildare.
17	1	Natica - - - - -	" -	Moel Benddu (Dinas.)
18	6	Holopea concinna - -	" -	Chair of Kildare.
19	6	" " - - -	" -	" "
20	4	" Lymneoides - -	" -	Rhiwlas (Bala).
21	5	" exserta - -	" -	" "

[1] Presented by — Prosser, Esq. [2] Presented by J. C. Moore, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality
XI.	22	10	Holopea conica - - -	Caradoc -	Rhiwlas (Bala)
	23	3	,, carinata - - -	,, -	,, ,,
	24	2	Holopella - - - -	,, -	Chair of Kildar
	25	2	,, - - - -	,, -	Rhiwlas.
	26	2	Loxonema striatissima - -	,, -	Chair of Kildar
	27	3	,, obscura - -	,, -	Desertcreight.
	28	5	Murchisonia turrita - -	,, -	,,
	29	5	,, gyrogonia - -	,, -	Pentref Ab nant.
	30	3	,, bicincta - -	,, -	Chair of Kildar
	31	2	,, latifasciata - -	,, -	Desertcreight.
	32	1	,, ,, - -	,, -	,,
	33	1	,, scalaris - -	,, -	2½ m. W. of Dolb
	34	2	Macrocheilus elongatus -	,, -	Desertcreight.
	35	2	,, ,, - -	,, -	,,
	36	2	Raphistoma - - - -	,, -	,,
	37	2	,, æqualis - -	,, -	1. Birds Hill deilo). 2. Gi
	38	2	Patella saturni - - -	,, -	Desertcreight.
	39	1	Pleurotomaria gentilis - -	,, -	Chair of Kildar
	40	3	,, trochiformis -	,, -	Desertcreight.
	41	2	,, - - -	,, -	Chair of Kildar
	42	4	Bellerophon acutus - -	,, -	Onny River.
	43	7	,, carinatus - -	,, -	Twll-ddu.
	44	1	,, - - - -	,, -	Cefn Llwydlo.
	45	1	,, sulcatinus - -	,, -	Desertcreight.
	46	3	,, nodosus - -	,, -	Hope Bowdler.
	47	3	,, alatus - -	,, -	Desertcreight.
	48	3	Ecculiomphalus minor - -	,, -	,,
	49	2	,, Bucklandi -	,, -	,,
	50	3	,, ,, -	,, -	,,
XII.	1	1	Bellerophon dilatatus - -	,, -	Desertcreight.
	2	2	,, bilobatus - -	,, -	Hope Bowdler.
	3	5	,, ,, - -	,, -	Desertcreight.
	4	3	,, ,, - -	,, -	Hope Bowdler.
	5	2	,, sulcatinus -	,, -	Upper Beds, On
	6	3	,, nodosus - -	,, -	Llwyn-yr-hwch
	7	4	Pterotheca corrugata - -	,, -	2½ m. W. of Dolb
	8	3	Theca triangularis - -	,, -	Desertcreight.
	9	2	,, ,, - -	,, -	,,
	10	1	,, reversa - - -	,, -	Birds Hill Quar
	11	1	,, ,, - - -	,, -	Girvan (Ayrshi
	12	1	Pterotheca transversa - -	,, -	Desertcreight.
	13	1	Conularia quadrisulcata -	,, -	,,
	14	1	,, - - -	,, -	Llwyn-yr-hwch
	15	2	,, elongata - -	,, -	Desertcreight.
	16	2	,, rectistriata - -	,, -	Chair of Kildar
XIII.	1	1	Illænus Thomsoni[1] - -	Lower Llandovery.	Mullocks, Ayrs
	2	1	,, ,, - -	,, -	,, ,,
	3	4	Phacops Stokesii - - -	,, -	Thrave, Girvan
	4	3	Calymene Blumenbachii -	,, -	Drummock, Gi
	5	2	,, ,, - -	,, -	,, ,,

[1] Presented by Sir R. I. Murchison.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
III.	7	3	Athyris - - - - -	Lower Llandovery.	Mandinam, Llandovery.
	8	3	Retzia cuneata - - -	,, -	Lower Thrave.
	9	2	Atrypa hemispherica - -	,, -	Mullocks, Ayrshire.
	11	3	,, crassa - - -	,, -	Haverfordwest.
	12	2	,, ,, - - -	,, -	Cefn Rhyddan.
	13	4	,, marginalis - -	,, -	Haverfordwest.
	14	2	Pentamerus undatus - -	,, -	Noeth Grug, Llandovery
	15	2	,, oblongus - -	,, -	Cefn Rhyddan.
	16	1	,, lens - - -	,, -	N. of Gorllwynfawr.
	17	2	,, ,, - - -	,, -	Noeth Grug, Llandeilo.
	19	2	Orthis Bouchardii - - -	,, -	N. of Cilgwyn.
	20	2	,, reversa - - -	,, -	Mandinam.
	21	1	,, ,, - - -	,, -	Mullock, Ayrshire.
	22	3	,, lata - - - -	,, -	Penlan Quarry, Llandovery.
	23	2	,, porcata - - -	,, -	Blaen-y-cwm Ridge.
	24	3	,, calligramma - -	,, -	Gong, co. Galway.
	25	5	,, ,, - - -	,, -	Haverfordwest.
	26	6	Strophomena antiquata -	,, -	,,
	27	1	,, pecten - - -	,, -	Gong, co. Galway.
	28	2	,, depressa - - -	,, -	Haverfordwest.
	29	5	Leptæna scissa - - -	,, -	,,
	30	5	,, sericea - - -	,, -	,,
	31	2	,, transversalis - -	,, -	Cefn Rhyddan.
	32	1	Avicula - - - -	,, -	Haverfordwest.
	33	1	Modiolopsis - - - -	,, -	,,
	34	1	Mytilus mytilimeris - -	,, -	Carreg Ilwyd.
	35	3	Ctenodonta - - - -	,, -	Mandinam.
	36	2	Murchisonia Pryceæ - -	,, -	,,
	37	1	Turbo - - - - -	,, -	Cefn Rhyddan.
	38	3	Holopella tenuicincta - -	,, -	Mullock Quarry.
	39	2	Holopea - - - -	,, -	Drummock Quarry, Ayrshire.
	40	5	Eunema - - - -	,, -	Haverfordwest.
	41	1	Raphistoma - - - -	,, -	Oughterara, Galway.
	42	3	Bellerophon - - -	,, -	Camlo Hill, Builth.
	43	3	,, acutus - -	,, -	Drummock, Ayrshire.
	44	1	,, dilatatus - -	,, -	Gorllwynfach, Llandovery.
	45	4	,, bilobatus[1] - -	,, -	Drummock.
	46	1	,, falcatus - -	,, -	,,
	47	1	Conularia Sowerbii - -	,, -	Haverfordwest.

[1] Presented by Sir R. I. Murchison.

SILURIAN SERIES. (Drawers 1 to 26.)

Underneath the Flat Cases.

A.—LOWER SILURIAN GROUP. SECT. II.—DRAWERS I. to XI.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
I.		3	Hymenocaris[1] - - -	Lower Lingula flags.	Tremadoc.
	2	2	„ vermicauda -	„ -	„ Penmorfa.
	3	1	„ „ -	„ -	Ffestiniog.
	4	1	„ tracks of - -	„ -	Tremadoc.
	5	3	Olenus micrurus[2] - - -	„ -	Maentwrog.
	6	3	„ „ - - -	„ -	Trawsfynydd.
	7	2	Lingulella Davisii - -	„ -	Bryn mawr House.
	7a	3	„ „ - -	„ -	Penmorfa, Tremadoc.
	7b	6	Obolella - - - -	„ -	White leaved oak, Malvern.
	8	2	Lingulella Davisii - -	„ -	Ffestiniog.
	8a	1	Theca obtusa[2] - - -	„ -	Maenturog.
	9	4	Agnostus princeps[3] - -	Upper Lingula flags.	Malvern.
	10	6	„ „ - -	„ -	Carreg wen, Borth.
	1	6	„ „ - -	„ -	„ „
	1a	7	„ „ - -	„ -	„ „
	12	2	Conocoryphe - - -	„ -	Ogof ddu Cricieith, Portmadoc.
	13	5	„ abdita - -	„ -	„ „ „
	14	2	„ - - -	„ -	„ „ „
	15	1	„ - - -	„ -	Penmorfa Church, Portmadoc.
	16	2	Ellipsocephalus - - -	„ -	„ „ „
	17	2	Olenus scarabæoides - -	„ -	Carreg wen, Borth.
	18	8	„ „ - -	„ -	„ „
	9	5	„ „ - -	„ -	„ „
	20	9	„ humilis - - -	„ -	White-leaved Oak, Malvern.
	21	4	„ allied to O. gibbosus -	„ -	Carreg wen, Borth.
	22	2	„ alatus - - -	„ -	Penmorfa Church.
	23	1	„ serratus - - -		Carreg wen, Borth.
	24	1	„ „ - - -	„ -	Penmorfa Church.
	25	7	„ flagellifer - - -	„ -	Carreg wen, Borth.
	26	7	Dikelocephalus celticus -	„ -	Ogof ddu, Cricieith Road, Portmadoc.
	27	5	„ - - -	„ -	„ „ „
	28	2	„ - - -	„ -	„ „ „
	29	1	Ogygia scutatrix - - -	Lower Tremadoc slate.	Llyn-y-gareg wen, Portmadoc.
	30	8	Psilocephalus innotatus -	„ -	Penmorfa church.
	31	2	Niobe Homfrayi - - -	„ -	„ „
	32	4	„ „ - - -	„ -	„ „

[1] Presented by D. Homfray, Esq. [2] Presented by F. Ash, Esq.
[3] Presented by W. Symonds, Esq.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
I.	33	3	Conocoryphe depressus -	Lower Tremadoc slates.	Ywern Penmorfa.
	33a	5	Lingulella lepis - - -	" -	Borth Wood.
	34	4	Theca arata - - - -	" -	Penmorfa church.
	35	1	" " - - -	" -	Borth Wood, Portmadoc.
	36	6	" bijugosa - - -	" -	" " "
II.	1	1	Agnostus princeps - -	Up. Tremadoc Slates.	Penclogwyn, Portmadoc.
	2	1	Ampyx - - - -	" -	" "
	3	8	Asaphus Homfrayi - -	" -	Tu hwnt i'r bwlch, Portmadoc.
	4	2	" affinis - - -	" -	Garth, Tremadoc.
	5	3	" " - - -	" -	Penmorfa village, Portmadoc.
	6	3	Ogygia scutatix - - -	" -	Penclogwyn, Portmadoc.
	7	3	Cheirurus - - - -	" -	" "
	8	1	" [1] - - - -	" -	Tremadoc.
	9	4	Conocoryphe vexata - -	" -	Penmorfa village, Portmadoc.
	10	1	" olenoides -	" -	Garth, Portmadoc.
	11	3	Olenus Sedgwickii [2] - -	" -	Tremadoc.
	12	7	Angelina Sedgwickii [1] - -	" -	Garth, Tremadoc.
	13	5	" " - -	" -	" "
	14	2	" " - -	" -	" "
	15	1	" " - -	" -	" "
	16	1	Lingulella lepis [3] - -	" -	Penmorfa Church, Portmadoc.
	17	3	" " - - -	" -	Penrhyn and Moel y gest, Portmadoc.
	18	6	Mytiloides lingulæcomes [1] -	" -	Garth, Portmadoc.
	19	2	Conularia Homfrayii - -	" -	" "
	20	1	Theca simplex - - -	" -	" "
	21	2	" cuspidata - - -	" -	Tu hwnt i'r bwlch, Portmadoc.
	22	2	" arata - - - -	" -	Penclogwyn and Tu hwnt i'r Bwlch.
	23	5	Bellerophon arfonensis [1] -	" -	Garth.
III.	1	6	Trinucleus Gibbsii - -	Lowest Llandeilo.	St. David's Head, S. side.
	2	1	" " - -	" -	" "
	3	1	Asaphus affinis - - -	" -	Tyddyn-dicwm.
	4	8	" " - - -	" -	Taihirion, Festiniog, &c.
	5	6	Æglina caliginosa - - -	" -	Ty obry, E. of Portmadoc.
	6	1	" grandis - - -	" -	Whitesand Bay, St. David's.
	6a	1	Agnostus morea - - -	" -	Cefn Gwynlle.
	7	2	Illænus - - - - -	" -	Bogmine, Shelve.

[1] Presented by D. Homfray, Esq. [2] Presented by G. W. Ormerod, Esq.
[3] Presented by Dr. Ogle,

Drawer	Tablet.	Specimen.	Name.	Formation.	Locality.
III.	8	1	Illænus perovalis - - -	Lowest Llandeilo.	Bogmine, Shelve.
	9	1	Ogygia Selwynii - - -	" -	Lord's Hill, Shelve.
	10	2	" " - - -	" -	Lord's Hill, and White Grit Mine, Shelve.
	10a	1	Dionide atra - - - -	" -	Ty obry, E. of Portmadoc.
	11	5	Calymene parvifrons - -	" -	Manod, Ffestiniog.
	12	1	Olenus, allied to O. *Scarabæoides.*	" -	Taihirion, Arenig.
	13	4	Discina - - - - -	" -	Ritton Castle, Shelve.
	13a	1	"[1] - - - - -	" -	Skiddaw.
	14	10	Palæarca socialis - - -	" -	Ty obry, E. of Portmadoc.
	15	5	Redonia (Cucullella anglica)	" -	Lord's Hill, Shelve.
	16	5	" " - -	" -	" "
	17	2	Ribieria complanata - -	" -	" "
	18	2	Conularia corium - - -	" -	Ty obry, E. of Portmadoc.
	19	1	" " - - -	" -	" "
	20	4	Theca - - - - -	" -	Cefn Gwynlle, Shelve.
	21	1	Bellerophon bilobatus - -	" -	" "
	21a	2	" perturbatus -	" -	Shelve.
IV.	1	2	Orthis striatula[2] - - -	Llandeilo Flags. Low. Silurian.	Durness, Sutherland.
	2	1	" " - - -	" -	" "
	3	1	Murchisonia angustata[2] -	" -	" "
	4	2	" " - -	" -	" "
	5	1	" - - - -	" -	" "
	6	1	" bellicincta - - -	" -	" "
	7	4	Pleurotomaria Thule - -	" -	" "
	8	2	Euomphalus - - -	" -	" "
	9	1	" matutinus - -	" -	" "
	10	3	" (or Ophileta) -	" -	" "
	11	5	Maclurea Peachii - - -	" -	" "
	12	2	" " - - -	" -	" "
	13	1	" " - - -	" -	" "
	14	3	Operculum of Maclurea -	" -	" "
	15	3	Ophileta (Maclurea) compacta.	" -	" "
	16	1	" " - -	" -	" "
	17	6	" - - -	" -	" "
	18	4	Raphistoma - - - -	" -	" "
	18a	2	" - - - -	" -	White Grit Mine, Shelve.
	19	1	Beyrichia bipunctata - -	" -	Hellpool, Wyeford, Builth.
	20	1	" complicata - -	" -	Llan Mill.
	21	1	" " - -	" -	Middleton, Chirbury.
	22	3	Ampyx nudus - - -	" -	Builth.
	23	1	" rostratus - - -	" -	Carn Arenig.
	24	1	Trinucleus Lloydii - -	" -	Middleton, E. of Chirbury.

[1] Presented by Mr. Harrison. [2] Presented by C. W. Peach, Esq.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
IV.	24a	1	Trinucleus Lloydii	Llandeilo Flags. Lower Silurian.	Middleton, E. of Chirbury.
	25	3	" concentricus (var. favus).	"	1. Maerdy bach. 2. Penllwynan.
	26	4	" "	"	Cornden Grits.
	27	1	" "	"	Panblewin, Narberth.
	28	1	Asaphus tyrannus	"	Coed Sion, Llangadoc.
	29	2	" "	"	Llandeilo.
	29a		" "	"	"
	30	1	" laticostatus	"	Penrhin, 4½ m. N.N.E. of Builth.
	31	1	Agnostus McCoyii	"	Builth, Brecknockshire.
	32		Ogygia Buchii	"	Wellfield, Builth, Brecknockshire.
	33		" Portlockii [1]	"	Newtown Head.
	34		" "	"	Builth.
	35		" "	"	"
	36		Cheirurus Sedgwickii	"	Upper Solva, St. David's.
	37		Bellerophon perturbatus [2]	"	Traethlliwn, Llanrhian, St. David's.
V.	1	1	Asaphus tyrannus	Llandeilo Flags.	Golden Grove, Llandeilo.
	2	1	" "	"	Llan Mill, Narberth.
	3	2	" "	"	" " "
	4	2	Ogygia Davisii	"	Carneddau, Builth.
	5	2	" Buchii	"	Llandeilo.
	6	2	" "	"	"
	7	2	" "	"	Builth.
	8	3	" "	"	Llandeilo.
	9	1	" " [3]	"	Builth.
	10	12	" punctata	"	Bwlch cefn, Llandegley.
	11	1	" Buchii	"	Carneddau, Builth.
	12	2	" "	"	Builth.
	12a	1	" Barrandii	"	"
	13	2	Calymene duplicata	"	"
	13a	1	Peltocaris aptychoides	"	"
	13b	3	Caryocaris Wrightii	"	Skiddaw.
	13c	3	" "	"	"
	14	5	Orthis calligramma	"	Carneddau, Builth.
	15	2	" "	"	Pont Lodi.
	16	3	" "	"	Carneddau, Builth.
	17	2	" "	"	Builth.
	18	4	" confinis	"	Bogang, Ayrshire, and Craig Head.
	19	1	"	"	Gorrans, Cornwall.
	20	3	" vespertilio	"	Cilu Park, Narberth.
	21	2	"	"	Corran Haven, Cornwall.
	22	5	Strophomena	"	LlanMill, Caermarthen.
	23	3	"	"	" " "
	24	1	"	"	Golden Grove.
	25	3	Siphonotreta micula [4]	"	Glenkiln, Dumfriesshire.

[1] Presented by Major Austin.
[2] Presented by T. Hughes, Esq.
[3] " D. Banks, Esq.
[4] " Professor Harkness.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
V.	26	3	Obolus	Llandeilo Flags.	Hellpool, Wyeford, Builth.
	27	2	Discina crassa	"	Builth.
	28	3	Lingula attenuata	"	Middleton, E. of Chirbury.
	29	3	" "	"	Coed Sion, Llangadoc.
	30	1	Cyclonema crebristria	"	Cornden Grits.
	31	1	Loxonema	"	Builth.
	32	1	Bellerophon perturbatus	"	Abereiddy Bay.
	33	2	Theca cometoides	"	Belvoir Castle.
VI.	1	1	Diplograpsus pristis [1]	"	Llandeilo.
	2	2	" "	"	Tremadoc.
	3	1	" teretiusculus	"	Bran Burn, Dumfriesshire.
	4	1	Graptolithus lobiferus [2]	"	Dumfries-shire.
	4a	1	" sagittarius	"	Duff, Kinnell, Dumfries-shire.
	5	1	Rastrites triangularis [3]	"	Moffat, Dumfries.
	6	1	Theca reversa [4]	"	
	7	1	"	"	Hyssington.
	8	1	Bellerophon perturbatus	"	Abbereiddy Bay, Pembrokeshire.
	9	1	Beyrichia complicata	"	Ciln Park.
	10	1	Graptolithus gracilis	"	Dumfries-shire.
	10a	1	" "	"	"
	11	1	" Sedgwickii	"	"
	12	1	" latus	"	Skiddaw.
	12a	1	" "	"	"
	13	1	Diplograpsus mucronatus	"	Dumfries-shire.
	14	1	" sp.	"	Skiddaw.
	15		" "	"	"
	16	2	" pristis	"	Carneddau, Hill, Builth.
	17	1	" "	"	Belvoir, Clare.
	18	2	" mucronatus	"	" "
	19	1	Didymograpsus sextans	"	Kilmacreagh, Clare.
	20	1	" "	"	Belvoir, Clare.
	21	1	" cadaceus	"	Skiddaw.
	22	2	" n. sp.	"	"
	23	1	" Murchisonæ	"	Builth.
	24	1	" hamatus	"	Reafadda, Tipperary.
	25	1	" "	"	Garrangrena "
	26	1	Graptolithus sagittarius	"	Reafadda "
	27	1	Graptolithus (new sp.)	"	Barf, Keswick.
	28	1	Dichograpsus aranea	"	Skiddaw.
	29	1	" intricatus	"	"
VIII.	1	1	Beyrichia complicata	Caradoc	Twllddu.
	1a	1	Cythere umbonata	"	Beudy Cerrig, Llanwddyn.
	2	3	Agnostus trinodus	"	Sholes Hook, Haverfordwest.
	3	1	" "	"	" "
	4	4	Ampyx M'Callumi " nasutus, mammillatus	"	Penwhapple Glen.

[1] Presented by E. H. Sheppard, Esq.
[2] Presented by Professor R. Harkness.
[3] " Professor W. McDonald.
[4] " Manchester Geo. Soc.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
VIII.	5	5	Illænus Bowmani - - -	Caradoc -	Sholes Hook, Haverfordwest.
	6	1	„ Davisii - - -	„ -	Rhiwlas.
	7	1	Asaphus gigas - - -	„ -	Tyrone.
	7a	3	Allied to Asaphus - -	„ -	Chair of Kildare.
	8	1	Asaphus Powisii (*labrum of*)	„ -	Hope Bowdler.
	9	1	Trinucleus concentricus -	„ -	Glandwr.
	10	3	„ „ - -	„ -	Onny River.
	11	1	„ seticornis - -	„ -	Ty-nant, Llanwddyn.
	12	3	Phacops apiculatus - -	„ -	Hendre wen, Cerrig-y-Druidion.
	13	1	„ alifrons - - -	„ -	Ty'n-y-cablyd.
	14	2	„ „ - - -	„ -	Goetre Meifod, Welshpool.
	15	2	„ apiculatus - -	„ -	Hope Bowdler.
	16	1	Ogygia radiata - - -	„ -	
	17	2	Cheirurus bimucronatus -	„ -	Bryn Bedwog.
	18	4	„ „ - -	„ -	Rhiwlas, Bala.
	19	3	Cybele verrucosa - - -	„ -	Llanddowror.
	20	1	Stygina Murchisonæ - -	„ -	Pensarn.
	21	1	Homalonotus rudis - -	„ -	1 m. W. of Nant Yr, N.W. of Llanarmom, Dyffryn Cieriog.
	22	1	Lichas laxatus - - -	„ -	Mandinam.
	23	1	„ Hibernicus - -	„ -	Desertcreight, Tyrone.
	23a	1	„ „ - - -	„ -	Portrane, Dublin.
	23b	1	„ bulbiceps - - -	„ -	Chair of Kildare.
	24	1	„ laxatus - - -	„ -	Acton Scott.
	25	3	Encrinurus sexcostatus -	„ -	Rhiwlas, Bala.
	26	4	Calymene - - - -	„ -	Peraver Gorran Haven, S. of St. Austell.
	27	1	„ brevicapitata -	„ -	Meifod.
	27a	7	Sphærexochus mirus. - -	„ -	Chair of Kildare.
	28	1	Remopleurides (*hypostome*) -	„ -	Tyrone.
	28a	2	„ (*tail*) - -	„ -	Portrane, Dublin.
	29	1	Diplograpsus pristis - -	„ -	Railway cutting, Conway.
	29a	1	„ „ - -	„ -	Conway.
	30	2	Atrypa marginalis - -	„ -	Guilsfield, Welshpool.
	31	2	Rhynchonella - - -	„ -	Penwhapple Burn.
	32	2	Pentamerus undatus - -	„ -	Guilsfield.
	33	1	Orthis elegantula - -	„ -	Gretton, Shropshire.
	34	4	„ Actoniæ - - -	„ -	Bryn Bedwog, Bala.
	35	1	„ testudinaria - -	„ -	Llan Mill.
	36	1	„ calligramma - -	„ -	Pwll-y-wrach-uchaf.
	37	2	„ flabellulum - -	„ -	Boduan.
	38	4	„ „ - -	„ -	Cefn Llyfnog, Llanfyllin.
	39	3	„ porcata - - -	„ -	Meifod, Welshpool.
	40	1	„ flabellulum - -	„ -	Gallt-y-Gader, Llanfyllin.
	41	5	„ crispa - - -	„ -	Frongoch, Meifod.
	42	2	„ insularis - - -	„ -	Chair of Kildare.
	43	1	„ calligramma - -	„ -	Bryn Bedwog, Bala.
	44	3	„ porcata - - -	„ -	Portrane, Dublin.
	45	2	„ tricenaria [1] - -	„ -	Piedmont Glen.

[1] Presented by Professor Wyvill Thomson.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
VIII.	46	2	Orthis striatula - - -	Caradoc -	4 m. N.E. of Builth.
	47	2	,, Hirnantensis - -	,, -	Aber Hirnant.
IX.	1	6	,, spiriferoides - -	,, -	Guilsfield, N.W. of Welshpool.
	2	4	,, vespertilio - -	,, -	Harnage, S.E. of Shrewsbury.
	3	2	,, ,, - - -	,, -	E. of Bala Lake.
	4	6	,, alternata - - -	,, -	E. of Arran Benllyn.
	5	4	,, ,, - - -	,, -	Hope Bowdler, Church Stretton.
	6	7	,, ,, - - -	,, -	Harnage, S.E. of Shrewsbury.
	7	3	,, sagittifera - - -	,, -	E. of Dollgwm, Bala.
	8	2	,, ,, - - -	,, -	,, ,,
	8a	3	,, ,, - - -	,, -	Hirnant, Bala.
	9	1	Strophomena expansa - -	,, -	Meifod, Welshpool.
	10	2	,, ,, - -	,, -	Pentref, Abermarchnant.
	11	1	,, corrugata -	,, -	Newtown, Waterford.
	12	1	,, tenuistriata -	,, -	N.W. of Pwll-y-wrachisaf, Llanwddyn.
	13	1	,, ,, - -	,, -	E. of Bala Lake.
	14	1	,, depressa - -	,, -	Chair of Kildare.
	15	2	,, ,, - -	,, -	Pont Hafod Gynfor, Llangollen.
	16	3	,, tenuistriata -	,, -	Celyn Meifod, Welshpool.
	16a	1	,, ,, -	,, -	
	17	3	,, concentrica -	,, -	Harnage, Shrewsbury.
	17a	4	,, expansa - -	,, -	Portrane, Dublin.
	18	2	Leptæna tenuicincta - -	,, -	Chair of Kildare.
	19	1	,, sericea - - -	,, -	N.W. of Gallt-y-gader, Llanfyllin.
	20	2	Discina perrugata - -	,, -	Chair of Kildare.
	20a	1	Lingula ovata - - -	,, -	Duncannon, Wexford.
	20b	1	,, ,, - - -	,, -	Bryn Bedwog.
	20c	1	New Brachiopod - - -	,, -	Onny River.
	21	1	Avicula - - - -	,, -	Dynevor Park.
	22	1	,, - - - - -	,, -	Mullock, Ayrshire.
	23	1	Ambonychia - - -	,, -	Chair of Kildare.
	24	2	Modiolopsis - - -	,, -	Pont Rhiwedog.
	25	2	,, - - - -	,, -	N.W. of Gallt-y-gader, Llanfyllin.
	26	2	,, [1] - -	,, -	,, ,,
	26a	2	Orthonota verisimilis - -	,, -	Allt-y-gader, Montgomeryshire.
	27	3	Megalomus - - - -	,, -	Hope Bowdler, Church Stretton.
	28	1	Vanuxemia - - - -	,, -	Louth, Leinster.
	29	1	Ambonychia contorta - -	,, -	Desertcreight.
	30	1	Ctenodonta varicosa - -	,, -	Abermarchnant, Llanwddyn.
	31	1	Pleurorhynchus - - -	,, -	Desertcreight, Tyrone.
	32	1	Murchisonia - - -	,, -	Chair of Kildare.

[1] Presented by — Prosser, Esq.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
	33	1	Holopea striatella - -	Caradoc -	Moel Hebog, N. Wales.
	33a	7	" - - - -	" -	Chair of Kildare.
	34	1	Raphistoma (striatula) -	" -	Penwhapple Burn, Girvan.
	35	1	" elliptica - -	" -	W. side of Yr Arddu.
	35a	2	Maclurea Logani - - -	" -	Ayrshire.
	35b	1	Pleurotomaria - - -	" -	Conistone.
	36	1	Bellerophon semirugosus -	" -	Gwreiddiau, Llanwddyn.
XI.	1	1	Lichas laxatus - - -	Lower Llandovery.	Mullocks Hill, Ayrshire.
	2	1	Atrypa crassa - - -	" -	Gas-works, Haverfordwest.
	3	1	Rhynchonella borealis - -	" -	Priory Mill.
	4	7	" angustiformis [1]	" -	Mullocks Quarry.
	5	2	Retzia cuneata - - -	" -	Lower Thrave, Ayrshire.
	6	1	Orthis elegantula - -	" -	Mullocks Hill, Ayrshire.
	7	7	" reversa [1] - - -	" -	Mullocks Quarry.
	8	1	" calligramma - -	" -	Llandovery.
	9	2	Strophomena euglypha - -	" -	Gas-works, Haverfordwest.
	10	2	" antiquata -	" -	" "
	11	2	Trochus multitorquatus [2] -	" -	Ardann, Tonlegee, &c.
	12	4	Raphistoma - - - -	" -	Mullock, Ayrshire.
	13	3	Eunema - - - -	" -	Priory Hill, Haverfordwest.
	14	2	Bellerophon trilobatus [2] -	" -	Tonlegee, Galway.
	15	1	" " [2] - -	" -	" "
	16	1	Orthonota - - - -	" -	Acton Scott.

SILURIAN SERIES. (Wall Cases 4 to 9.)

A.—LOWER SILURIAN GROUP. SECT. III.
WALL CASES IV. to VI.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
IV. Shelf.			SECTIONS 12, 13, 14.—*Cambrian, Lingula Flags, and Llandeilo Flags, in large Specimens.*		
I.	1	1	Chondrites, sp. - - -	Cambrian and Lower Silurian.	Moel-y-ci, Bangor.
	2	1	Chondrites and Cruziana semiplicata.	L. Lingula Flags.	Top of Carnedd-y-filiast, Bangor.

[1] Presented by Sir R. I. Murchison. [2] Presented by J. D. C. Sowerby, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
IV. Shelf.			SECTIONS 12, 13, 14.		
I.	3	1	Hymenocaris vermicauda -	L. Lingula Flags.	Near Tremadoc, North Wales.
	4	1	Lingulella Davisii - -	" -	Penmorfa, Tremadoc.
	5	1	Dictyonema sociale [1] - -	Up. Lingula Flags.	Bronfoel, Tremadoc.
	6	1	Lingulella Davisii - -	" -	Tremadoc.
	7	1	" " - - -	" -	"
	8	1	Arenicolites [2] - - -	Lower Llandeilo.	Fionna Ven Mountain, North of Sutherland (Quartz Rock).
	9	1	Arenicola (Scolithus) linearis	" -	Devil's Chair, Stiper Stones (Shropshire).
	10	1	Angular annelide tubes [3] -	Llandeilo Flags.	Hollybush Sandstones (Malvern).
	11	1	Serpula - - - -	" -	Carneddau Hills, Builth.
	12	1	Tracks of Crustacean? -	" -	Whilt Quarry, Warrington Dingle.
	13	1	Nemertites [4] - - - -	" -	Peebleshire.
	14	1	Nereites [5] - - - -	" -	Hunter Heek (Moffat).
	15	1	Didymograpsus Murchisoniæ	" -	Abereiddy Bay.
	16	1	Diplograpsus folium [6] - -	" -	Barf Hell, Keswick.
	17	1	Ogygia Buchii - - -	" -	Pen-y-goylan (Llangadoc).
	18	1	Asaphus tyrannus [7] - -	" -	Golden Grove, Llandeilo.
	19	1	" " - - -	" -	" "
	20	1	" " - - -	" -	Dynevor Park, Llandeilo.
	21	1	Stenopora fibrosa and Trinucleus.	" -	Musclewick Bay, Pembrokeshire.
	22	1	Olenus micrurus - - -	" -	Cwm-y-swm, 8 m. N. of Dolgelly (Gold mines).
	23	1	Orthoceras Brongniartii [8] -	" -	Criboll, Sutherland.
	24	1	Macluria Peachii - - -	" -	Sutherlandshire.
II.	1	4	Oldhamia radiata - - -	Cambrian -	Wicklow (Ireland).
	2	5	" " - - -	" -	Carri, Wicklow.
	3	5	" " - - -	" -	Bray Head, Wicklow.
	4	4	" " - - -	" -	Wicklow, Ireland.
	5	3	" " - - -	" -	Bray Head, Wicklow.
	6	3	" sp. - - -	" -	Near Bray "
	7	2	" antiqua - -	" -	Delgany "
	8	2	" radiata - -	" -	Bray "
	9	3	" antiqua - -	" -	Delgany "
	10	3	" " - - -	" -	" "
	10a	2	" radiata - -	" -	Bray Head.
	11	3	Arenicola sparsa - - -	" -	Yearling Valley (Ch. Stretton).
	12	1	" " - - -	" -	" "

[1] Presented by D. Homfray, Esq.
[2] Presented by — Clarke, Esq.
[3] " Dr. Grindrod.
[4] " Professor J. Nichol.
[5] " Sir R. I. Murchison.
[6] " C. H. Wright, Esq.
[7] " Earl of Cawdor.
[8] " A. Clark, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
IV.			SECTIONS 12, 13, 14.		
Shelf. II.	13	1	Arenicola and Rain Drops -	Cambrian -	Yearling Valley (Ch. Stretton).
	14	1	" " -	" -	" "
	15	1	" " -	" -	" "
	16	1	" " -	" -	" "
	17	1	Arenicolites, &c. - - -	" -	" "
	18	1	Wave or Surf Ripples, &c. -	" -	" "
	19	1	Wave Ripples, Sun Cracks, Rain Drops, &c.	" -	" "
	20	1	Ripple Hollows, &c. - -	" -	" "
	21	1	Ripple Surface - - -	" -	" "
	22	1	" " - - -	" -	" "
	22a	1	Histioderma hibernicum [1] -	" -	Bray Head.
	22b	1	Haughtonia pœcila [1] - -	" -	" "
III.	1	3	Cruziana semiplicata - -	L. Lingula Flags.	Carnedd-y-filiast, Bangor.
	2	1	" " - - -	" -	" "
	3	2	" and annelide burrowes	" -	Stiper Stones.
	4	2	" and Chondrites - -	" -	Carnedd-y-filiast, Bangor.
	5	1	" semiplicata and annelides	" -	" "
	6	1	Dictyonema sociale - -	Up. Lingula Flags.	Brampton Bryan.
	7	5	" " - -	" -	Cefn-gyfarnedd, Tremadoc.
	7a	3	" " - -	" -	" "
	8	4	" " - -	" -	" Plas Oakley.
	9	1	" " - -	" -	Key's End, Malvern.
	10	1	" " - -	" -	Cefn-gyfarnedd, Tremadoc.
	11	1	Annelide burrows - -	" -	Penmorfa, Tremadoc.
	12	1	" tubes - -	" -	Garth, opposite Port Madoc.
	13		" " - - -	" -	Penmorfa, Tremadoc.
	13a	3	Orthoceras - - - -	Up. Tremadoc Slate.	Garth, Portmadoc.
	13b	1	Worm tubes - - - -	" -	Penmorfa village.
IV.	1	1	Annelide tubes [1] - - -	L. Llandeilo.	Tai-hirion.
	2	1	" burrows - -	" -	Carnedd Iago, near Arenig.
	3	3	Diplograpsus bicornis - -	" -	Ty-obry, 2 m. E. of Portmadoc.
	4	4	" " - -	" -	Tyddyn dicwm, N. of Portmadoc.
	5	1	" mucronatus -	" -	Ty-obry, 2 m. E. of Portmadoc.
	6	1	" pristis - -	" -	Tai-hirion.
	7	3	" barbatulus -	" -	Ty-obry, 2 m. E. of Portmadoc.
	8	1	Didymograpsus geminus -	" -	Cefn Gwynlle, Shelve.
	9	3	Dendrograpsus - - - -	" -	Ty-obry, 2 m. E. of Portmadoc.

[1] Presented by Dr. Kinahan.

Case	Tablet	Specimen.	Name.	Formation.	Locality.
IV. Shelf.			SECTIONS 12, 13, 14.		
VI.	36	4	Didymograpsus Murchisoniæ	Llandeilo Flags.	Abereiddy Bay, Pembrokeshire.
	37	1	" " -	" -	" "
	38	2	" geminus -	" -	Bog Mine, Shelve.
	39	3	" caduceus -	" -	Wexford.
	40	1	Protovirgularia dichotoma -	" -	Glenkiln, Dumfriesshire.
	41	1	Dichograpsus - - -	" -	Skiddaw.
	42		Dichograpsus - - -	" -	Skiddaw.
	43	1	Ptilodictya dichotoma - -	" -	Abereiddy Bay, Pembrokeshire.
	44	1	Fenestella - - - -	" -	White Grit Mine, Shelve.
	45	3	Dictyonema - - - -	" -	Shelve.
V. Shelf.			SECTIONS 14, 15, 16.		
I.	1	1	Trilobites and Spiral Shells	Caradoc -	Rhiwlas, Bala.
	2	1	Chondrites - - - -	" -	Gretton, Cardington.
	3	1	Graptolithus Griestoniensis [1]	" -	Grieston, Peebleshire.
			" (Priodon) -		
	4	1	" " - -	" -	" "
	5	1	Orthis calligramma - -	" -	Anglesea.
	6	1	" flabellulum - -	" -	Corston Farm.
	7	1	Crossopodia Scotica - -	" -	Longformacus, near Dunse, Berwick.
	8	1	Modiolopsis orbicularis and Orthis vespertilio.	" -	Gretton, Cardington,
	9	1	Various Trilobites, &c. - -	" -	Rhiwlas, Bala.
	10	1	Strophomena tenuistriata -	" -	Bird's Hill, Llandeilo.
	11	1	Diplograpsus pristis - -	" -	Conway, N. Wales.
	12	1	Phacops obtusicaudatus -	" -	Coldwell, Lancashire.
	13	1	Glyptocrinus basalis - -	" -	Moel-y-garnedd, Bala.
	14	1	Rings of Glyptocrinus basalis, Diplograpsus pristis, Trinucleus concentricus, Strophomena expansa.[2]	" -	
	15	2	Ambonychia carinata - -	" -	Penllech Ysputty Evan.
	16	1	Orthis patera - - -	" -	Gorston Farm, Hopesay.
	17	1	Stromatopora striatella - -	" -	Tramore, Waterford.
	18	1	Nebulipora favulosa - -	" -	Shropshire.
	19	1	Nebulipora lens (on Orthis) -	" -	
	20	2	Orthis Hirnantensis - -	" -	E. of Dollgwyn, Bala.
	21	1	Serpulites - - - -	" -	Pen-y-Rhiw, Bala.
	22	1	Orthoceres politum - -	" -	Penwhapple Glen, Ayrshire.
	23	1	Stenopora fibrosa - - -	" -	Llan Hill, Narberth.
	24	2	Serpulites - - - -	" -	Moel-y-garnedd, Bala.

[1] Presented by Professor J. Nicoll. [2] Presented by Sir R. I. Murchison.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
V. Shelf. II.			SECTIONS 14, 15, 16.		
	1	1	Fucoid [1]	Caradoc	W. side of Malvern Hills.
	2		Algæ	,,	Desertcreight, Tyrone.
	3	1	Cliona prisca	,,	Broome, Shropshire.
	4	2	,, antiqua	,,	Desertcreight, Tyrone.
	5	3	Sphærospongia	,,	Onny, Cheney Longville.
	6	1	,, ,,	,,	Acton Scott.
	7	2	Spongarium?	,,	Desertcreight, Tyrone.
	8	1	Pterotheca pierced by Cliona antiqua.	,,	,, ,,
	9	7	Encrusting Sponge on Mollusca.	,,	,, ,,
	10		Heliolites inordinatus	,,	Robeston Wathen.
	11	1	,, sp.	,,	Pont Hafod Gynfor, Glyn Ceiriog, N. Wales.
	12	1	,, favosus	,,	Craig Head, Ayrshire.
	13	2	,, ,, [2]	,,	,, ,,
	14	2	,, interstinctus	,,	Robeston Wathen and Glyn Ceiriog.
	15	3	,, megastoma	,,	,, ,,
	16	1	,,	,,	Upper Moor, Caermarthenshire.
	16a	3	Sarcinula organum	,,	Portrane, Dublin.
	17	1	Chætetes petropolitanus	,,	Sholes Hook, Haverfordwest.
	18	2	,, ,,	,,	Moel Hebog, South of Snowdon.
	18a	2	,, [3]	,,	Moelydd, Oswestry.
	19	1	Favosites alveolaris	,,	Glan-yr-afon, Meifod, N. W. of Welshpool.
	20	1	,, ,, [4]	,,	Llansaint-ffraid, Glyn Ceiriog.
	21	3	,, cristatus	,,	Portrane, Dublin.
	21a	4	,, ,,	,,	,, ,,
	21b	3	,, ,,	,,	,, ,,
	22	3	Halysites catenularius	,,	,, ,,
	23	1	,, ,,	,,	Llansaint-ffraid, Glyn Ceiriog.
	24	1	,, ,,	,,	Desertcreight, Tyrone.
	25	2	,, ,,	Caradoc	Robeston Wathen, Pembroke.
	25a	2	,, ,,	,,	,, ,,
	25b	1	,, ,,	,,	Shap, Westmoreland.
	26	3	Nebulipora favulosa	,,	Gretton, Cardington.
	27	1	,, ,, [5]	,,	Longville, Ch. Stretton.
	28	1	,, lens	,,	Gretton, Cardington.
	29	1	,, ,,	,,	,, ,,
	30	2	,, ,,	,,	No. 1, Moel-y-garnedd. ,, 2, Cader Dinmael.
	31	1	,, ,,	,,	Tyn-y-cablyd, Pennant.

[1] Presented by E. Lees, Esq. [2] Presented by C. Moore, Esq.
[3] ,, Mr. Prosser. [4] ,, Manchester Geo. Soc.
[5] Presented by Professor M'Coy.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
V. Shelf.			SECTIONS 14, 15, 16		
II.	32	3	Nebuilipora lens - - -	Caradoc -	Bryn-bedwog, nr.
	33	1	,, ,, - -	,, -	Desertcreight, Ty
	34	1	Stenopora fibrosa - - -	,, -	Tramore, Waterfo
	35	1	,, ,, - - -	,, -	Robeston Wathen
	36	1	,, n. sp. - - -	,, -	S. of Cefn Coch, Llangollen.
	37	3	,, fibrosa - - -	,, -	Robeston Wathen
	38	4	,, ,, - -	,, -	,, ,,
	39	1	,, ,, - -	,, -	Old Road, Brecon
	40	1	,, ,, - -	,, -	Tramore, Waterfo
	41	1	,, ,, - -	,, -	Meifod, Welshpoo
	42	1	,, ,, - -	,, -	Waterloo Bridge, tws-y-coed.
	43	2	,, ,, - -	,, -	Chair of Kildare,
	43a	1	,, ,, - -	,, -	Harnage, S.E. of Sh bury.
	43b	2	,, ,, [1] - -	,, -	Moelydd, Oswestr
	44	1	Cyathophyllum - - -	,, -	Chair of Kildare.
	44a	8	,, - - -	,, -	Portrane, Dublin.
	45	1	Petraia æquisulcata - -	,, -	2½ m. W. of Do maen, Carnarvon
	45a	2	,, ,, - -	,, -	Ysputty Evan.
	46	1	,, covered by Heliolites interstinctus.	,, -	
	47	2	,, ,, - -	,, -	Mullock, Ayrshire
	48	1	,, ,, - -	,, -	Ty-isaf, Llangedw
	49	1	,, elongata - -	,, -	Conistone, Waterl
	50	3	,, ,, - -	,, -	Desertcreight, Ty
	51	1	,, rugosa - -	,, -	Cwm gwnen ucha
	52	2	,, - -	,, -	Hendre wen, Cer Druidion.
	53	3	,, - -	,, -	,, ,,
	54	4	,, - -	,, -	Robeston Wathen
	55	1	Stromatopora striatella - -	,, -	Ffridd Conwy, yddyn.
	56	3	,, ,, - -	,, -	Chair of Kildare.
	57	1	Cyclocystites Marstoni - -	,, -	Acton Scott.
III.	1	1	Stem of Glyptocrinus - -	,, -	Desertcreight.
	2	4	,, ,, - -	,, -	Hope Bowdler, Stretton.
	3	2	Glyptocrinus basalis - -	,, -	Pen-y-rhiw, W. of (over the ash bed
	4	1	,, ,, fine head and stem.	,, -	Guilsfield, Meifod
	5	6	,, ,, - -	,, -	Moel-y-garnedd, (ash bed at the fa
	6	1	,, lævis - -	,, -	Bardahessiagh, Ty
	7	1	,, ,, - -	,, -	Desertcreight
	8	4	Heterocrinus - - -	,, -	Quakers' Burial Gr Welshpool.
	9	7	Encrinite stems (4 sp.) - -	,, -	Chair of Kildare.

[1] Presented by Mr. Prosser.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
V. Shelf. III.			SECTIONS 14, 15, 16.		
	10	2	Auxiliary arm of Crinoid -	Caradoc -	Desertcreight, Tyrone.
	11	1	Pentagonal Encrinite stem -	" -	Cheney Longville.
	12	2	Encrinite stem with Beyrichia	" -	Hope Bowdler.
	13	2	" "	" -	Sholeshook, Pembrokeshire.
	14	2	Echinospherites granulatus -	" -	Garrickadaggon, Wexford.
	15	3	" " -	" -	" "
	16	3	" (with ovarian plates).	" -	" "
	17	11	Echinospherites granatum -	" -	Sholeshook, Haverfordwest.
	18	8	Echinospherites granatum var. Davisii.	" -	Rhiwlas, Bala.
	19	1	" "	" -	Pont Hafod Gynfor, Glyn Ceiriog, N. Wales.
	20	6	Echinospherites balticus -	" -	Sholeshook, Haverfordwest.
	21	6	" arachnoideus	" -	" "
	22	4	" balticus -	" -	" "
	23	3	" Davisii -	" -	Coniston.
	24	5	Hemicosmites Jamesii - -	" -	Newtown (Waterford) and Moyne (Wexford), Ireland.
	25	6	" rugatus (H. pyriformis.)	" -	Sholeshook, Haverfordwest.
	26	4	Hemicosmites rugatus -	" -	Great Creswell, St. Clare.
	27	2	" " -	" -	Llanfyllin, Montgomeryshire.
	28	2	" squamosus -	"	N. of Bala, Cefnblewog.
	29	2	" rugatus - -	" -	Rhiwlas, Bala.
	30	1	" oblongus -	" -	Sholeshook, Haverfordwest.
	31	5	(Allied to Hemicosmites) -	" -	Hendre wen, Cerrig-y-Druidion.
	33	7	Spheronites munitus - -	" -	Sholeshook, Haverfordwest.
	34	6	" Litchi - - -	" -	" "
	35	3	" munitus - -	" -	Rhiwlas, Bala.
	36	6	" punctatus - -	" -	" "
	37	4	" munitus - -	" -	Sholeshook.
	38	4	" pyriformis - -	" -	Rhiwlas, Bala.
	39	5	" stelluliferus -	" -	Sholeshook, Haverfordwest.
	40	8	" interior casts -	" -	" "
	41	10	Pleurocystites - - -	" -	Cefn Llwydlo, Llandovery.
	42	1	" - - -	" -	Bardahessiagh, Tyrone.
	43	3	Agelacrinites Buchianus -	" -	2 m. W. of Ysputty, Evan.
	44	5	" " -	" -	" " "
	45	2	Palæaster asperrimus - -	" -	Quakers' Burial Ground, Welshpool.
	46	2	" " - -	" -	" " "

Case.	Tablet.	Specimen.	Name.	Formation.	Locality
			SECTIONS 14, 15, 16.		
V. Shelf. III.	47	2	Palæaster obtusus	Caradoc	Moel-y-garned
	48	1	" "	"	Waterford.
	49	2	"	"	Nant Brain, 1½ Llandrillo.
	50	4	" Caractaci	"	Marshbrook, Stretton.
	51		" imbricatus	"	Llanfyllin, Mo ryshire.
IV.	1	2	Serpulites	"	Moel-y-garned (above the as
	2	5	"	"	Pen-y-rhiw, Bala.
	3	1	Burrows of Annelides?	"	Desertcreight,
	4	1	Spines of Aphrodita?	"	Fermanagh.
	5	1	Annelide tube	"	Chair of Kilda
	6	1	" tracks	"	Desertcreight,
	7	1	"	"	Llanidloes.
	8	5	Tentaculites Anglicus	"	Robeston Wat
	9	2	" "	"	Acton Scott yard.
	10	1	"	"	Desertcreight,
	11	2	Graptolithus Conybeari	"	Fermanagh.
	12	2	" "	"	"
	13	1	" "	"	Desertcreight,
	14	1	" "	"	"
	15	1	" tenuis [1]	"	Girvan, Ayrsh
	16	1	" "	"	Desertcreight,
	16a	2	"	"	Near Wrekin, shire.
	16b	1	" convolutus	"	Fermanagh.
	17	1	Diplograpsus bullatus [1]	"	Piedmont Gl shire.
	18	1	" " [2]	"	Ardwell, Girv shire.
	19	3	" "	"	" "
	20	3	" pristis	"	Fermanagh, Ir
	21	1	" "	"	Conway, Nort
	22	2	" "	"	Hope Bowd Stretton.
	23	1	" " [1]	"	Soudley (Shro
	24	1	" "	"	Robeston Wat
	24a	1	" " [3]	"	Railway Cutti way).
	24b	1	" folium	"	Fermanagh, Ir
	25	1	Ptilodictya explanata	"	S. of Cefn Co Llangollen.
	26	2	" proeva	"	Penllech, Yspu
	27	1	"	"	" "
	28	2	Fenestella regularis	"	Desertcreight,
	29	1	Glauconome disticha	"	S. of Cefn coc Llangollen.
	30	1	Retepora or Phyllopora	"	Gretton, Shro

[1] Presented by Sir R. I. Murchison. [2] Presented by C. Moore, E
[3] Presented by R. D. Darbishire, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
V. Shelf.			SECTIONS 14, 15, 16.		
V.	1	5	Ptilodictya acuta - - -	Caradoc -	Chair of Kildare.
	2	4	" " - - -	" -	" "
	3	2	" recta - - -	" -	" "
	4	3	" elegantula - -	" -	" "
	5	2	" dichotoma - -	" -	Desertcreight, Tyrone.
	6	2	" explanata - -	" -	Bwlch, 5 m. N.W. of Llangollen.
	7	3	" - -	" -	Gretton, Cardington.
	8	1	" dichotoma - -	" -	Great Creswell, St. Clairs.
	9	3	Fenestella (Gorgonia) assimilis.	" -	Chair of Kildare.
	10	3	" - - - -	" -	" "
	11	2	" - - - -	" -	Gretton, Cardington.
	12	1	" - - -	" -	Cheney Longville.
	13	1	" - - - -	" -	Harnage, S.E. of Shrewsbury.
	14	1	Phyllopora - - - -	" -	Frongoch, Meifod, near Welshpool.
	15	6	" - - -	" -	" "
	16	5	" - - - -	" -	" "
	17	4	" Hisingeri - - -	" -	Robeston Wathen.
	18	1	" proava - - - -	" -	Corntown, Wexford.
	19	2		" -	Sondley Quarries.
	20	1	Thamniscus - - - -	" -	Sholes Hook.
	21	2	Diastopora heterogyra - - -	" -	Penyrhiw, W. of Bala, over the ash bed.
	22	6	Lituites anguiformis - - -	" -	Pont Hafod Gynfor, Glyn Ceiriog.
	23	1	" cornu-arietis - - -	" -	Desertcreight, Tyrone.
	24	1	" " - - -	" -	Sholes Hook.
	25	2	" " - - -	" -	Hendre wen, Cerrig-y-Druidion.
	26	1	" " - - -	" -	Penwhapple Glen, Ayrshire.
	27	1	" planorbiformis - - -	" -	Twll ddu.
	28	1	" Hibernicus - - -	" -	Chair of Kildare.
	29	6	Orthoceras Pomeroense -	" -	Desertcreight, Tyrone.
	30	1	" Brongniartii -	" -	" "
	31	7	" bilineatum - -	" -	" "
	32	1	" " - - -	" -	Ardwell, Ayrshire.
	33	7	" elongatocinctum	" -	Desertcreight, Tyrone.
	34	19	" vagans - -	" -	Rhiwlas, Bala.
	35	2	" " - -	" -	" "
	36	1	" regulare - -	" -	Fermanagh.
	37	1	" " - -	" -	"
	38	1	" " - -	" -	Fermanagh.
	39	5	" politum - -	" -	Ardwell, Ayrshire.
	40	1	" " - -	" -	Penwhapple Glen, Ayrshire.
	40a	1	" " - -	" -	" "
	41	3	" irregulare - -	" -	Desertcreight, Tyrone.
	42	5	" tenuicinctum -	" -	" "
	43	3	" n. sp. - - -	" -	Murddyn Marad, Bala.
	44	6	" " - - -	" -	Rhiwlas, Bala.
	45	4	" - - -	" -	Bryn bedwog, Bala.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
V. Shelf.			SECTIONS 14, 15, 16.		
V.	46	4	Orthoceras bilineatum - -	Caradoc -	Desertcreight, Tyrone.
	47	3	" perannulatum -	" -	" "
	48	3	" annulatum - -	" -	Sholes Hook, Haverfordwest.
	49	1	" carinatum - -	" -	Desertcreight, Tyrone.
	50	2	" angulatum - -	" -	Piedmont Glen, Ayrshire.
VI.	1	4	" tumidum - -	" -	Desertcreight, Tyrone.
	2	2	" tenuistriatum -	" -	" "
	3	3	" pseudospeciosum	" -	" "
	4	4	" gregarium -	" -	Chair of Kildare.
	5	6	" elongatocinctum -	" -	" "
	6	1	" ibex - - - -	" -	Moel-y-garnedd, Bala.
	7	1	" " - - -	" -	Gas-works, Haverfordwest.
	8	1	" velatum - -	" -	Chair of Kildare.
	9	1	" - -	" -	¾ m. S.W. of Bryn [illegible]ed-wog, Bala.
	10	4	" - -	" -	Rhiwlas, Bala.
	11	3	" audax - - -	" -	" "
	12	1	" - -	" -	" "
	13	1	" audax - - -	" -	" "
	14	1	" - -	" -	Hendre wen, Cerri[illegible]-y-Druidion.
	15	1	" - -	" -	Chair of Kildare.
	16	1	" - -	" -	Sholes Hook, Hav[illegible]er-fordwest.
	16a	2	" rugulatum - -	" -	Chair of Kildare.
	16b	1	" n. sp. - -	" -	Ardwell, Ayrshire.
	17	2	Cyrtoceras - - - -	" -	Desertcreight, Tyron[illegible]e.
	18	2	" - - - -	" -	" "
	19	6	" inæquiseptum -	" -	" "
	20	3	" Forbesii - -	" -	Rhiwlas, Bala.
	21	5	" atramentarium -	" -	" "
	22	4	" Forbesii - -	" -	" "
	23	1	" - - - -	" -	" "
	24	1	Cyrtoceras - - - -	" -	" "
	25	3	Phragmoceras subfusiforme -	" -	Desertcreight, Tyrone.
	26	3	Cyrtoceras subarcuatum -	" -	" "
	27	2	" " - -	" -	Twll ddu (top).
	28	1	" " - -	" -	Piedmont, Ayrshire.
	29	2	" " - -	" -	Llwyn Rhiwlas, Bala.
[illegible] Shelf.			SECTIONS 17, 18, 19.		
	1	1	Mass containing Pentamerus oblongus.[1] Strophomena arenacea, Atrypa hemispherica, and Turbo crebristria.	Up. Llandovery.	Nashscar, Presteign.

[1] Presented by W. Davis, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
VI. Shelf. I.			SECTIONS 17, 18, 19.		
	2	1	Pentamerus lens and Encrinurus punctatus.	Up. Llandovery.	Norbury.
	3	1	Pentamerus oblongus - -	,, -	,, Bishops' Castle.
	4	1	Palæocyclus porpita [1] - - Cornulites serpularius. Favosites alveolaris.	,, -	Tortworth.
	5	1	Holopella cancellata - - Cyclonema crebristria.	,, -	Nashscar, Presteign.
	6	1	Pentamerus oblongus. - Strophomena compressa. Atrypa reticularis.	,, -	
	7	1	Pentamerus oblongus, &c. -	,, -	Stone Acton, Hope Bowdler.
	8	1	,, ,, -	,, -	Hollies Farm.
	9	1	Conglomerate containing Lingula parallella.	,, -	Gibbon's Coppice, Wrekin.
	10	5	Lyrodesma cuneata - -	,, -	Marloes Bay.
	11	1	Strophomena arenacea - - Pentamerus liratus, &c.	,, -	Nashscar, Presteign.
	12	1	Rhynchonella obtusiplicata in conglomerate.	,, -	Worcester Beacon.
	13	1	Atrypa hemispherica - - Orthis reversa. Rhynchonella angustifrons. Petraia subduplicata.	Lower Llandovery.	Mullocks Hill, Dalguharran.
	14	1	Petraia subduplicata - -	,, -	Priory Hill, Haverfordwest.
	15	1	Rhynchonella angustifrons -	,, -	Mullocks Hill Quarry, Ayrshire
	16	1	Pleurotomaria Moorei - - Murchisonia cancellata.	,, -	Thrave, Girwan, Ayrshire.
	17	1	Annelida - - - -	,, -	Nant-y-carfan, S. Wales.
	18	1	Graptolithus Flemingi -	Wenlock Shales.	Kirkcudbright, Scotland.
	19	1	Annelide burrows, *Scolithus*, &c.	,, -	Dinas Bran, Llangollen.
	20	1	Fucoids - - - -	,, -	Dingle, Co. Kerry.
	21	1	,, - - - -	,, -	,, ,,
	22	1	Periechocrinus - - -	,, -	Great Barr, Wallsall.
	23	1	Annelide burrows - - -	,, -	Pant-y-dur, 4 m. N. E. of Llandeilo.
	24	1	,, ,, - -	,, -	,, ,,
	25	1	,, ,, - -	,, -	,, ,,
II.	1	1	Fucoids - - - - -	Lower Llandovery.	Stiper Stones, Hop Mill, Shelve.
	2	1	Heliolites tubulatus - -	,, -	Cefn-y-garreg, Llandovery.
	3	1	,, interstinctus -	,, -	Mandinam, Llandovery.
	4	1	,, ,, - -	,, -	Priory Mill, Haverfordwest.

[1] Presented by Earl Ducie.

Case.	Tablet.	Specimen.	Name.	Formation.	Loca
VI. Shelf. II.			SECTIONS 17, 18, 19.		
	5	2	Heliolites interstinctus - -	Lower Llandovery.	Gas-works, west.
	6	2	Alveolites Bechii - - -	,, -	Cong, Co. (
	7	2	Favosites alveolaris - -	,, -	Goleugoed,
	8	1	,, ,, - -	,, -	Cefn-y-garr
	9	4	Petraia subduplicata - -	,, -	Gas-works, west.
	10	6	,, ,, - - -	,, -	,,
	11	1	,, ,, - - -	,, -	Girvan, Ayr
	12	2	,, ,, - - -	,, -	Priory Mill, west.
	13	1	Glyptocrinus? - - -	,, -	Mullocks H
	14	1	,, - - -	,, -	Penlan, Lla
	15	6	Nidulites favus - - -	,, -	Gas-works, west.
	16	4	,, ,, - - -	,, -	Mullocks Hi
	17	1	,, ,, [1] - - -	,, -	Haverfordw
	18	1	Lituites undosus - - -	,, -	Blaen-y-cw nam.
	19	1	Orthoceras[2] - - - -	,, -	Thrave, Gi shire.
	19a	1	,, tenuistriatum -	,, -	Gas-works, west.
	20	1	Phragmoceras compressum -	,, -	,,
	21	1	Cyrtoceras - - -	,, -	S. flank of N Llandover
	22	1	Phragmoceras - - -	,, -	Goleucoed,

[1] Presented by Prof. T. R. Jones. [2] Presented by Dr. Hor

SILURIAN SERIES. (Flat Cases 1 to 26.)

B.—UPPER SILURIAN GROUP. SECT. I.
FLAT CASES XIV. to XXVI.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIV.	1	1	Illænus Bowmanni - -	Upper Llandovery.	Castell Craig, Gwyddon.
	2	1	Proetus latifrons - -	,, -	Damory Bridge.
	3	1	,, Stokesii - - -	,, -	Monell's Wood, Wrekin.
	4	2	Phacops Musheni -	,, -	Gunwick Mill (Alfrick).
	5	1	,, Stokesii - - -	,, -	May Hill.
	6		,, Weaveri - -	,, -	Long's Quarry, Tortworth. 2, Charfield Green.
	7	2	,, ,, - -	,, -	Nash, Presteign.
	8	3	,, ,, - -	,, -	Long's Quarry.
	9	4	,, ,, - -	,, -	Marloes Bay.
	10	2	Encrinurus punctatus - -	,, -	W. of Worcester Beacon.
	11	1	,, ,, - -	,, -	W. of Mwmfre.
	12	1	Calymene Blumenbachi -	,, -	Monell's Wood, Wrekin.
	13	4	Spirifer trapezoidalis - -	,, -	Damory Bridge, Tortworth.
	14	3	,, elevatus - - -	,, -	,, ,,
	15	1	Athyris, n. sp. - - -	,, -	Nash Scar, Presteign.
	16	3	Atrypa hemisphærica - -	,, -	Merrish Wood (Hawley)
	17	1	,, ,, - -	,, -	Charfield Green (Tortworth).
	18	2	,, reticularis - -	,, -	No. 1, Trallwng Myddfai. ,, 2, Corllwyn-fach.
	19	1	,, ,, - -	,, -	Huntley Hill, nr. Gloucester.
	20	1	,, ,, - -	,, -	Woodford Green, Tortworth.
	21	2	Rhynchonella semisulcata -	,, -	Marloes Bay.
	22	1	,, -	,, -	May Hill.
	23	1	,, -	,, -	Damory Bridge.
	24	9	,, decemplicata -	,, -	Obelisk, Eastnor Park.
	25	3	,, sp. -	,, -	Great Bar, Walsall.
	26		,, ,, -	,, -	Damory Bridge.
	27	1	Pentamerus, n. sp. - -	,, -	Nash Scar, Presteign.
	28	1	,, oblongus - -	,, -	The Hollies.
	29	1	,, ,, - -	,, -	Woodford Hill.
	30	1	,, ,, - -	,, -	Norbury.
	31	1	,, ,, - -	,, -	Nash Scar, Presteign.
	32	1	,, ,, - -	,, -	Norbury.
	33	3	,, ,, - -	,, -	Castell Craig, Llandovery.
	34	3	,, liratus - -	,, -	May Hill.
	35	1	,, ,, - -	,, -	Howler's Heath, Malvern.
	36	2	,, ,, - -	,, -	May Hill.
	37	4	,, lens - -	,, -	Pen-llan, Llandovery.
	38	1	,, ,, - -	,, -	Norbury, Bishops Castle.
	39	3	,, undulatus -	,, -	Llwyn y Wormwood, Llandovery.

Tablet.	Specimen.	Name.	Formation.	Locality.
	40	2	Pentamerus undatus - -	Upper Llandovery.	Penlan, Llandovery -
	41	7	Orthis elegantula - -	" -	Huntley Hill, May Hil
	42	1	" calligramma - -	" -	" "
	43	2	" " - -	" -	Bromsgrove, Lickey.
	44	2	" " - -	" -	E. of Llandegley.
	45	1	" triangularis - -	" -	Penlan, Llandovery.
	46	1	" reversa - - -	" -	Charfield Green, Tor worth.
	47	5	Strophomena compressa -	" -	Damory Bridge, Tor worth.
	48	2	" " -	" -	May Hill.
	49	3	" depressa -	" -	W. of Crochley, Tor worth.
	50	1	" " -	" -	May Hill.
	51	4	" pecten - -	" -	Huntley Hill, May Hil
	52	1	" arenacea - -	" -	Norbury.
	53	2	" " - -	" -	May Hill.
	54	1	Leptæna scissa - - -	" -	Norbury, Bishops Castl
	55	1	Crania implicata - - -	" -	Mandinam, Llandover
	56	7	Lingula crumena - - -	" -	Howler's Heath.
	57	2	" - - -	" -	Marloes Bay.
	58	2	" parallela - - -	" -	Gunwick.
	59	8	" " - - -	" -	Obelisk, Eastnor Park
	60	1	" Symondsii - -	" -	Penlan, Llandovery -
	61	1	" - -	" -	Mandinam.
XV.	1	4	Pterinea retroflexa - -	" -	Obelisk, Eastnor Park
	2	1	" " - - -	" -	May Hill.
	3	1	" - - - -	" -	Woodford Green, To worth.
	4	1	" - - - -	" -	" "
	5	1	Mytilus mytilimeris - -	" -	May Hill.
	6	2	Lyrodesma cuneata - -	" -	Marloes Bay.
	7	1	Cardiola striata - - -	" -	May Hill.
	8	2	Goniophora - - - -	" -	Tortworth.
	9	1	" - - - -	" -	Marloes Bay.
	10	5	Ctenodonta (1) deltoidea -	" -	Obelisk, Eastnor Pa
			" (2) rhomboidea		
	11	2	" lingualis - -	" -	" "
	12	1	" - - - -	" -	Marloes Bay.
	13	1	" - - - -	" -	"
	14	3	" Eastnori - -	" -	Obelisk, Eastnor Pa
	15	1	" " - -	" -	" "
	16	3	Pleurotomaria jugosa - -	" -	Norbury.
	17	1	" - - -	" -	Nash Scar, Prestei
	18	1	" - - -	" -	Castell Craig, Gwy
	19	2	" fissicarina -	" -	Gunwick Mill, Ma
	20	1	" - -	" -	Norbury.
	21	1	Trochonema trochleata -	" -	Penlan Quarry, L very.
	22	1	Euomphalus prænuntius -	" -	Gunwick Mill, M
	23		" sculptus - -	" -	May Hill.
	24	2	Cyclonema - - - -	" -	Damory Bridge.
	25	2	" crebristria - -	" -	Nash Scar, Pres
	26	1	(Turbo) tritorquatus - -	" -	Penlan Llando

se.	Tablet.	Specimen.	Name.	Formation.	Locality.
V.	27	2	Holopella obsoleta - -	Upper Llandovery.	Charfield Green.
	28	2	" " - -	" -	Damory Bridge.
	29	2	" cancellata - -	" -	Gunwick Mill, Malvern.
	30	2	" " - -	" -	Hope Quarry (Minsterley).
	31	1	Macrocheilus fusiformis -	" -	Nash Scar, Presteign.
	32	1	Bellerophon dilatatus - -	" -	Mandinam.
	33	1	" Wenlockensis[1] -	" -	Choulton Bridge.
VI.	1	1	Illænus Barriensis [2] - -	Woolhope Beds.	Little Hope, Woolhope.
	2	1	" " - -	" -	" "
	3	1	Phacops caudatus - - -	" -	Malvern.
	4	1	" Stokesii - - -	" -	Bogmine, Shelve.
	5	3	Cheirurus bimucronatus -	" -	Malvern.
	6	8	Encrinurus punctatus - -	" -	"
	7	5	" " - -	" -	Bogmine, Shelve.
	8	7	Staurocephalus Davisii - -	" -	Sandbanks, Presteign.
	9	6	Sphærexochus mirus - -	" -	Malvern.
	10	4	Calymene Blumenbachii -	" -	Bogmine, Shelve.
	11	5	Spirifer trapezoidalis - -	" -	Malvern.
	12	4	Rhynchonella Wilsoni - -	" -	Little Hope, Woolhope.
	13	2	" - - -	" -	Bogmine, Shelve.
	14	1	Pentamerus liratus - -	" -	Woolhope.
	15	10	" linguiferus -	" -	Malvern.
	16	1	" rotundatus -	" -	"
	17	5	Porambonites Capewellii -	" -	Malverns.
	18	5	Orthis biforata - - -	" -	Bogmine.
	19	1	" - - -	" -	"
	20	1	" calligramma - -	" -	Hope Quay, Minsterly.
	21	2	Strophomena depressa - -	" -	Malverns.
	22	1	" pecten - -	" -	Sandbanks, Presteign.
	23	3	Chonetes latus - - -	" -	E. of Merchlin, Conway.
	24	1	Lingula Symondsii - -	" -	Sandbanks, Presteign.
	25	1	" " - -	" -	Ballard's Quay, Malvern.
	26	1	Mytilus Mytilimeris - -	" -	Bogmine, Shelve.
	27	3	Goniophora - - - -	" -	" "
	28	3	Ambonychia - - - -	" -	" "
	29	6	Pleurotomaria - - -	" -	" "
	30	2	" - - -	" -	" "
	31	2	Holopella - - - -	" -	" "
	32	2	Murchisonia or Eunema -	" -	" "
	33	8	Turbo tritorquatus - -	" -	" "
	34	6	Bellerophon - - - -	" -	" "
	35	2	" dilatatus - -	" -	" "
	36	3	" trilobatus - -	" -	" "
	37	1	Pterotheca (avirostris) - -	" -	" "
VII.	1	1	Beyrichia seminulum [3] -	Wenlock Limestone.	Town Hills, Montgomeryshire.
	2	1	" Klædeni - -	" -	Lindells, Woolhope.
	3	2	" " - -	" -	Tynewydd, S. of Llandovery.

[1] Presented by J. W. Salter, Esq. [2] Presented by Sir R. I. Murchison.
[3] Presented by Prof. T. R. Jones.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XVII.	4	1	Leperditia Balthica	Wenlock Limestone.	Ferriters cove, Dingle
	5	2	Illænus Barriensis	,,	Dudley.
	6	1	,, ,,	,,	Walsall.
	7	2	Cyphaspis megalops	,,	Dudley.
	8	2	,, ,,	,,	,,
	9	1	,, ,,	,,	,,
	10	4	Proetus Stokesii	,,	,,
	11	3	,, latifrons	,,	,,
	12	3	,, new sp.	,,	,,
	13	2	,,	,,	,,
	14	5	Phacops Downingiæ	,,	,,
	15	2	,, ,,	,,	,,
	16	1	,, ,,	,,	Malvern.
	17	8	,, Musheni	,,	Walsall.
	18	6	,, ,,	,,	,,
	19	3	,, ,,	,,	Clinchers Mill.
	20	1	,, ,,	,,	Dudley.
	21	4	,, Stokesii	,,	Malvern.
	22	1	,, caudatus	,,	Dudley.
	23	2	,, ,,	,,	,,
	24	2	,, ,,	,,	Ledbury.
	25	1	,, ,,	,,	Dudley.
	26	4	,, ,,	,,	,,
	27	1	,, longicaudatus	,,	Burrington, nr. Ludlow
	28	1	,, ,,	,,	Dudley.
	29	1	Cheirurus bimucronatus	,,	,,
	30	1	,, ,,	,,	Dormington Wood.
	31	2	,, ,,	,,	Dudley.
	32	1	,,	,,	Malvern.
	33	4	Encrinurus variolaris	,,	Dudley.
	34	2	,, ,,	,,	,,
	35	3	,, ,,	,,	,,
	36	1	,, ,,	,,	,,
	37	1	,, ,,	,,	,,
	38	3	,, ,,	,,	,,
	39	5	,, punctatus	,,	Dudley.
	40	5	,, ,,	,,	Walsall.
	41	2	,, ,,	,,	,,
	42	3	Sphærexochus mirus	,,	Dudley.
	43	1	,, ,,	,,	Malvern.
	44	1	,, ,,	,,	Trindle, Dudley.
	45	1	Deiphon Forbesii	,,	Dudley.
	46	1	Acidaspis crenata	,,	,,
	47	1	,,	,,	,,
	48	3	,,	,,	,,
	49	1	,,	,,	,,
	50	1	,, Brightii	,,	,,
	51	1	,,	,,	,,
	52	1	,,	,,	,,
	53	1	,, coronata	,,	,,
	54	1	Lichas	,,	Malvern.
	55	2	,, Grayii	,,	Dudley and Ledbury.
	56	1	,, anglicus	,,	Dudley.
	57	4	,, ,,	,,	,,
	58	1	,, ,,	,,	,,
	59	3	,, verrucosus	,,	Rock Farm, May Hill.

e.	Tablet.	Specimen.	Name.	Formation.	Locality.
I.	60	3	Calymene Blumenbachii -	Wenlock Limestone.	Dudley.
	61	3	" " -	" -	"
	62	2	" " [1] -	" -	"
	63	4	" " -	" -	"
	64	1	" " -	" -	E. of Can Wood, Woolhope.
	65	2	" tuberculosa - -	" -	Burrington, Ludlow.
	66	2	" " - - -	" -	" "
	67	3	" " - - -	" -	" "
	68	1	Homalonotus delphinocephalus.	" -	Cerrig y Garcyd, Usk.
I	1	10	Spirifer plicatellus - -	" -	Wenlock Edge and May Hill.
	2	2	" " - -	" -	Hurst Hill, nr. Sedgeley.
	3	11	" " - -	" -	Woolhope and May Hill.
	4	3	" " - -	" -	Rock Farm, Woolhope.
	5	4	" " - -	" -	Benthall Edge.
	6	3	" " [1] - -	" -	Dudley.
	7	2	" " - -	" -	Woolhope.
	8	5	" elevatus [1] - - -	" -	Dudley.
	9	11	" " - - -	" -	Wenlock Edge.
	10	7	" " - - -	" -	"
	11	6	" " - - -	" -	Dormington Wood and Eastnor Castle.
	12	3	" " - - -	" -	Slate Mill, Hasguard.
	13	6	" " - - -	" -	Dudley.
	14	7	" crispus - - -	" -	Round Hill.
	15	7	" " - - -	" -	Chickley Common.
	16	3	" trapezoidalis - -	" -	Craig y Garcyd, Usk.
	17	2	" " - -	" -	Dudley.
	18	3	" sulcatus [2] - -	" -	Walsall.
	19	2	" " - -	" -	Dudley.
	20	4	" pisum - - -	" -	Walsall.
	21	8	Athyris tumida - - -	" -	Rock Farm, May Hill.
	22	2	" " [3] - - -	" -	Malvern.
	23	5	" " - - -	" -	Rock Farm, Longhope.
	24	5	" " - - -	" -	" "
	25	3	" " - - -	" -	Dormington Wood.
	26	2	" didyma - - -	" -	Dudley.
	27	6	" " - - -	" -	Falfield, Tortworth.
	28	12	Retzia Salteri - - -	" -	Wenlock Edge.
	29	6	" " - - -	" -	Walsall.
	30	13	" cuneata [4] - - -	" -	"
	31	4	" " - - -	" -	Dudley.
	32	2	Atrypa reticularis - - -	" -	1 m. N. Walsall.
	33	3	" " [5] - -	" -	Ferriter's Castle and Malvern.
	34	15	" " - - -	" -	W. of Rock Farm, May Hill.
	35	11	" " - - -	" -	Usk, Prescoed.
	36	15	" " - - -	" -	Rock Farm, May Hill.

[1] Presented by J. Gray, Esq. [2] Presented by J. Gavey, Esq.
[3] " — Bright, Esq. [4] " T. Gray, Esq.
[5] Presented by Dr. Grindrod.

Case.	Tablet.	Specimen.	Name.	Formation.	Local
XVIII	37	1	Atrypa reticularis [1] - -	Wenlock Limestone.	Dudley.
	38	10	„ marginalis - -	„ -	Rock Farm,
	39	9	„ „ - -	„ -	E. of Cotwo
	40	3	„ „ [2] - - -	„ -	Dudley.
	41	7	„ „ - - -	„ -	DursleyCros
	42	9	„ Barrandii - - -	„ -	Dudley.
	43	8	Rhynchonella Stricklandi -	„ -	Hobbs, Long
	44	3	„ „ [3] -	„ -	Malvern.
	45		„ Pomelii - -	„ -	Dudley.
	46		„ [2] - -	„ -	Walsall.
	47		„ Barrandii [2] -	„ -	„
	48		„ nucula [4] -	„ -	Botvyle and
	49		„ - - -	„ -	Wenlock Ed
	50		„ - - -	„ -	Rock Farm,
	51		„ Grayii [5] -	„ -	Walsall.
	52		„ Lewisii - -	„ -	The Rock, M
	53		„ „ [2] -	„ -	Dudley.
	54	3	„ deflexa [2] -	„ -	„
	55	3	„ „ - -	„ -	Rock Farm,
	56	4	„ „ - -	„ -	Linley Lin N. E. of W
	57	8	„ obovata -	„ -	Woolton Fa hope.
	58	7	„ borealis - - -	„ -	E. of Can W hope.
	59	6	„ „ - -	„ -	Longhope.
	60	5	„ „ - -	„ -	Walsall.
	61	11	„ „ - -	„ -	Wenlock Ed
	62	8	„ „ - -	„ -	Hobbs, Long
	63	4	„ Wilsoni - -	„ -	Ledbury.
	64	6	„ „ - -	„ -	Eastnor Gra
	65	11	„ „ - -	„ -	Whitfield, T
	66	3	„ - - - -	„ -	Walsall and
	67	2	Pentamerus Knightii - -	„ -	Wenlock Ed
	68	1	„ liratus - -	„ -	Marloe's Mil
	69	4	„ linguiferus -	„ -	Walsall.
	70	1	„ „ - -	„ -	Wenlock Ed
	71	2	„ galeatus - -	„ -	Dormington,
	72	6	„ „ - -	„ -	Trindle, Dud
	73	5	„ „ - -	„ -	„ „
	74	1	Porambonites Capewellii -	„ -	Linley Lim N. E. of W
	75	1	„ „ -	„ -	Dormington
	76	7	„ „ -	„ -	Dudley.
XIX.	1	2	Orthis calligramma - -	Wenlock Rocks.	Walsall.
	2	5	„ elegantula - - -	„ -	SlateMillPen
	3	4	„ „ - - -	„ -	E. of Cotwo
	4	8	„ „ - - -	„ -	Dudley.
	5	12	„ „ - - -	„ -	Whitfield, T
	6	16	„ „ - - -	„ -	Buildwas, Sh

[1] Presented by Rev. H. Hausman. [2] Presented by J. Gray, Esq.
[3] „ —Bright, Esq. [4] „ Rev. F. Dyso
[5] Presented by T. Gray, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
IX.	7	3	Orthis biforata	Wenlock Rocks.	Walsall.
	8	9	„ Bouchardii	„	Wenlock Edge.
	9	24	„ biloba	„	Buildwas.
	10	8	„ „	„	Lincoln Hill.
	11	3	„ „	„	Rock Farm, May Hill.
	12	5	„ Lewisii	„	Wenlock Edge and Walsall.
	13	18	„ hybrida	„	Buildwas.
	14	4	„ „	„	Dudley.
	15	4	„ rustica	„	Walsall.
	16	8	„ „	„	Wenlock Edge.
	17	3	„ „	„	Walsall.
	18	5	„ crassa	„	Dormington, Woolhope.
	19	2	„ Fletcheri	„	Walsall.
	20	5	Strophomena scabrosa	„	Dudley.
	21	1	„ filosa	„	„
	22	11	„ depressa	„	Dormington Wood.
	23	8	„ „	„	„
	24	2	„ „	„	Linley Lime Kilns, Walsall.
	25	2	„ euglypha	„	Dudley.
	26	1	„ „	„	„
	27	2	„ „	„	Wenlock Edge.
	28	4	„ compressa	„	Slate Mill, Hasguard.
	29	1	„ imbrex	„	Dudley.
	30	5	„ „	„	Craig-y-garcyd.
	31	1	„ pecten	„	Wooltack Bay.
	32	1	„ „	„	Dudley.
	33	2	„ „	„	„
	34	3	„ filosa	„	Usk.
	35	2	„ „	„	Lindsway Bay.
	36	1	„ „	„	Llandovery.
	37	5	„ antiquata	„	Rock Farm, May Hill.
	38	2	„ „	„	Longhope and Dormington Wood.
	39	3	„ „	„	Wenlock Edge.
	40	1	„ „ [1]	„	Pen y Llan, Cardiff.
	41	2	„ Dorbignyi	„	Dudley.
	42	1	„ corrugata	„	Craig y garcyd.
	43	1	„ applanata	„	Wooer's Batch Gutter, Longmynd.
	44	2	„ funiculata	„	Dudley.
	45	5	„ „	„	„
	46	9	Leptæna transversalis	„	Walsall.
	47	8	„ „	„	„
	48	7	„ „ [2]	„	Walsall and Dudley.
	49	2	„ „	„	
	50	15	„ Grayii	„	Dudley.
	51	1	Discina Morrisii	„	„
	52	1	„ Forbesii [3]	„	Malvern.
	53	2	„ „	„	Dormington Wood.
	54	1	„ [4]	„	Wren's Nest, Dudley.

[1] Presented by the Rev. Norman Glass. [2] Presented by J. Gray, Esq.
[3] „ Rev. F. Dyson. [4] „ H. Beckett, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Lo
XIX.	55	2	Obolus transversus - - - -	Wenlock Rocks.	Dudley.
	56	2	„ intermedius - - -	„ -	Walsall.
	57	1	„ Davidsoni - - -	„ -	„
	58	1	„ Woodwardi - - -	„ -	Dormingt
	59	1	Crania Sedgwickii - - -	„ -	Walsall.
	60	8	„ implicata - - -	„ -	Rock Far
	61	8	Lingula - - - - -	„ -	Buildwas.
	62	1	„ - - - - -	„ -	Dudley.
	63	2	„ - - - - -	„ -	„
	64	1	„ - - - - -	„ -	„
XX.	1	1	Avicula mira - - -	„ -	„
	2	2	„ „ - - -	„ -	Longhope
	3	2	Pterinea lineata - -	„ -	Linsway brokeshi
	4	1	„ retroflexa - - -	„ -	Usk.
	5	1	„ „ - - -	„ -	Ledbury.
	6	1	„ „ - - -	„ -	Dudley.
	7	2	„ - - - - -	„ -	No. 1, Al „ 2, Nr.
	8	1	„ retroflexa - -	„ -	Ferriter's
	9	2	„ planulata - -	„ -	Wenlock
	10	3	„ „ - - -	„ -	Rock Far
	11	4	„ „ - - -	„ -	The Bell,
	12	1	„ lineatula - -	„ -	Iron Brid Dale.
	13	1	„ „ [1] - -	„ -	Malverns.
	14	2	„ - - - - -	„ -	Dormingt
	15	1	„ [2] - - - - -	„ -	Pen-y-llan
	16	1	„ - - - - -	„ -	Crews Hll
	17	1	Anodontopsis perovalis - -	„ -	Coomb Hi
	18	1	„ - - - - -	„ -	Buildwas,
	19	2	„ - - - - -	„ -	Coomb Hi
	20	3	„ - - - - -	„ -	„
	21	1	„ [3] - - -	„ -	Craig-y-ga
	22	1	„ - - - - -	„ -	Coomb Hi
	23	3	Modiolopsis gradata - -	„ -	Five Lane
	24	1	„ „ - -	„ -	Garecoed,
	25	1	„ „ - -	„ -	Bryn Grai
	26	1	„ - - - - -	„ -	Rock Far
	27	1	„ antiqua - -	„ -	Wenlock
	28	2	Mytilus chemungensis - -	„ -	Bryn Grai
	29	1	„ unguiculatus - -	„ -	„
	30	1	„ - - - - -	„ -	Linsway brokeshi
	31	1	Cucullella Cawdori - -	„ -	„
	32	1	„ - - - - -	„ -	Fronfawr,
	33	4	Pleurorhynchus æquicostatus	„ -	Wenlock
	34	1	Lunulicardium - - -	„ -	Burringto
	35	1	„ aliforme -	„ -	Oakley F Castle.
	36	1	Cardiola fibrosa - - - -	„ -	Burringto

[1] Presented by — Bright, Esq. [2] Presented by the Rev. Norm
[3] Presented by W. Nicol, Esq.

ge.	Tablet.	Specimen.	Name.	Formation.	Locality.
X.	37	1	Cardiola fibrosa - - -	Wenlock Rocks.	Nantglyn, Denbighshire.
	38	3	„ interrupta - - -	„ -	Ross Side, near Ulverstone.
	39	3	„ „ - -	„ -	Oakley Farm, Bishops Castle.
	40	3	„ striata - - -	„ -	Dudley.
	41	1	„ - - - -	„ -	Lansannan, Denbighshire.
	42	1	„ - - - -	„ -	Builth.
	43	2	Goniophora - - - -	„ -	Dudley.
	44	1	„ - - - -	„ -	„
	45	1	„ cymbæformis -	„ -	Craig-y-Garcyd, Usk.
	46	2	Grammysia cingulata[1] - -	„ -	Malverns.
	47	2	„ „ - -	„ -	Bryn Graig, Usk.
	48	1	„ „ - -	„ -	Falfield, Tortworth.
	49	1	Orthonota inornata - -	„ -	Marloes Bay.
	50	1	„ [2] - - -	„ -	Usk Tunnel.
	51	1	Ctenodonta sulcata - -	„ -	Wooltack Bay.
	52	1	„ „ - -	„ -	Slate Mill, Hasguard.
	53	3	„ subæqualis -	„ -	Nelson's Tower Wood, Llandeilo.
	54	3	„ anglica - -	„ -	Rock Farm, Longhope.
	55	4	„ „ - -	„ -	Dudley.
	56	2	„ - - - -	„ -	Wenlock Edge.
	57	1	„ - - - -	„ -	Pen-y-llan, nr. Cardiff.
XXI.	1	1	Pleurotomaria balteata - -	„ -	The Rock, May Hill.
	2	1	„ „ - -	„ -	Hobbs, Longhope.
	3	3	„ - - -	„ -	Rock Farm, Longhope.
	4	1	„ [3] - - -	„ -	Pen-y-llan, Cardiff.
	5	2	„ - - -	„ -	Longhope.
	6	1	„ - - -	„ -	„
	7	1	„ - - -	„ -	Rock Farm, Longhope.
	8	1	„ - - -	„ -	Dudley.
	9	1	„ - - -	„ -	Walsall.
	10	1	Murchisonia Lloydii - -	„ -	Callow Farm, Martley.
	11	3	„ - - - -	„ -	Wenlock Edge.
	12	1	„ Lloydii - -	„ -	Dudley.
	13		„ „ - -	„ -	„
	14	2	Euomphalus sculptus - -	„ -	Hobbs, Longhope.
	15	1	„ „ - -	„ -	Ryecroft, North of Walsall.
	16	1	„ „ - -	„ -	Dudley.
	17	2	„ „ - -	„ -	Whitfield, Tortworth.
	18	2	„ funatus - -	„ -	Hay Head, Walsall.
	19	5	„ „ - -	„ -	No. 1, E. of Cotwood ; „ 2, Hobbs, Longhope.
	20	2	„ „ - -	„ -	Wenlock Edge.
	21	4	„ discors - -	„ -	Benthall Edge.
	22	1	„ „ - -	„ -	The Rock.
	23	3	„ „ - -	„ -	Benthall Edge.
	24	7	„ rugosus - -	„ -	Wenlock Edge.

[1] Presented by — Bright, Esq. [2] Presented by W. Nicol, Esq.
[3] Presented by the Rev. Norman Glass.

Case.	Tablet.	Specimen.	Name.	Formation.	L
XXI.	25	6	Euomphalus rugosus - -	Wenlock Rocks.	Wenlock
	26	2	„ „ - -	„ -	„
	27	1	„ „ - -	„ -	Rock Far
	28	4	„ centrifugus -	„ -	Wenlock
	29	2	„ „ - -	„ -	„
	30	6	„ alatus - -	„ -	Trindle,
	31	1	„ „ - -	„ -	
	32	1	„ hemisphericus -	„ -	Lindles,
	33	1	„ - - -	„ -	Dudley.
	34	1	„ Operculum of -	„ -	Rock Far
	35	7	Acroculia haliotis - -	„ -	Ledbury.
	36	4	„ „ - - -	„ -	„
	37	2	„ „ [1] - -	„ -	Wenlock
	38	2	„ - - - -	„ -	„
	39	1	„ - - - -	„ -	„
	40	1	„ prototypa - -	„ -	Burringt
	41	1	„ - - - -	„ -	Wenlock
	42	3	Holopea - - - -	„ -	„
	43	4	Cyclonema - - - -	„ -	No. 1, He „ 2, M
	44	1	„ [2] - - -	„ -	Dudley.
	45	3	Loxonema - - - -	„ -	Burringt
	46	3	„ - - - -	„ -	Buildwas
	47	1	„ sinuosa - - -	„ -	Collins G
	48	1	„ - - - -	„ -	Vinnal H
	49	1	„ [3] - - -	„ -	Pen-y-lla
	50	1	Macrocheilus - - -	„ -	Rock Far
	51	1	„ - - - -	„ -	Dudley.
	52	1	Bellerophon dilatatus - -	„ -	Dorming
	53	2	„ „ - -	„ -	„
	54	3	„ Wenlockensis -	„ -	„
	55	1	„ „ -	„ -	Ledbury.
	56	2	„ „ -	„ -	Lindles,
	57	1	„ trilobatus -	„ -	Clawthy gibby.
	58	2	„ - - - -	„ -	Craig-y-
	59	4	Ecculiomphalus lævis - -	„ -	No. 1, Ea „ 2, Ba „ 3, Pa
	60	1	„ - -	„ -	Pen-y-lla
	61	2	Theca - - - - -	„ -	Builth.
	62	8	„ anceps - - -	„ -	Eastnor
	63	1	Conularia Sowerbyii - -	„ -	Malvern
	64	2	„ „ - -	„ -	Rock Fa
	65	1	„ „ - -	„ -	Callow F
	66	1	„ „ - -	„ -	Dudley.
	67	1	„ „ - -	„ -	Buildwas
	68	1	„ „ - -	„ -	Dudley.
	69	1	„ „ - -	„ -	„
XXII.	1	1	Beyrichia siliqua - - -	Lower Ludlow.	Ludlow.
	2	3	Ampyx parvulus - - -	„ -	Vinnal H

[1] Presented by R. Lightbody, Esq. [2] Presented by G. E. Rob
[3] Presented by the Rev. Norman Glass.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXII.	3	1	Cyphaspis megalops -	Lower Ludlow.	Hole Farm, Woodbury.
	4	1	Proetus Stokesii - - -	" -	Church Hill.
	5	4	Phacops caudatus - -	" -	Vinnal Hill.
	6	1	" " - -	" -	N.E. of Leintwardine.
	7	2	" " - -	" -	Vinnal Hill, Ludlow.
	8	2	" " - -	" -	" "
	9	2	" Weaveri - - -	" -	Tortworth.
	10	1	" Downingiæ - -	" -	Golden Grove, Llandeilo.
	11	3	" Stokesii - - -	" -	Vinnal Hill, Ludlow.
	12	3	Acidaspis coronatus - -	" -	" "
	13	3	" " - -	" -	" "
	14	3	" " - -	" -	" "
	15	2	" Brightii - -	" -	The Wych, Malvern.
	16	1	Lichas anglicus [1] - - -	" -	Whitecliffe.
	17	1	Homalonotus Knightii [2] -	" -	Golden Grove, Llandeilo.
	18	1	" delphinocephalus	" -	Cheetham.
	19	1	Atrypa reticularis - - -	" -	Clogher Head, Dingle.
	20	2	Spirifer trapezoidalis - -	" -	Dog Hill, Ledbury.
	21	1	" elevatus - -	" -	Crews Hill, Alfrick.
	22	3	Orthis hybrida - - -	" -	Hillend, Martley Abberly.
	23	2	" biloba - - -	" -	Dog Hill, Ledbury.
	24	3	" elegantula - - -	" -	Near Martley, on the Road to Clifton.
	25	3	" - - - - - -	" -	Near North Esk Reservoir.
	26	9	Rhynchonella compressa -	" -	Hare Hill, Pentlands.
	27	5	" obovata - -	" -	Dog Hill, Ledbury.
	28	1	Strophomena - - -	" -	St. Ishmael's Church.
	29	3	" depressa - -	" -	Vinnal Hill, Ludlow.
	30	5	" " - -	" -	Freshwater.
	31	4	Leptæna Grayii - - -	" -	Vinnal Hill, Ludlow.
	32	2	Lingula lata - - - -	" -	" "
	33	1	" Lewisii - - -	" -	Ledbury.
	34	4	" Symondsii - -	" -	"
	35	3	Avicula Danbyi - - -	" -	Duke's Wood, Usk.
	36	3	Pterinea pleuroptera - -	" -	Swansea Road.
	37	2	" planulata - - -	" -	Cwn Craig ddu.
	38	1	" fimbriata - - -	" -	Goosmoor, Clogher Head.
	39	1	" tenuistriata - -	" -	Malvern.
	40	1	Anodontopsis perovalis -	" -	Llangibby Castle, Usk.
	41	1	Modiolopsis gradata - -	" -	Hole Farm, Woodbury Hill, Abberly.
	42		Mytilus exasperatus - -	" -	Swansea Road.
	43	2	" " - -	" -	" "
	44	1	" mytilimeris - -	" -	Golden Grove.
	45	3	Cucullæa Cawdori - -	" -	Marloes Bay.
	46	6	" antiquata - -	" -	Freshwater.
	47	2	Palæarca - - - -	" -	Marloes Bay.
	48	1	Actinodonta - - - -	" -	" "
	49	1	" - - - -	" -	Golden Grove.
	50	1	Cardiola fibrosa - - -	" -	Round Hill, Alfrick.
	51	1	" interrupta - -	" -	Highlands, near Presteign.

[1] Presented by R. *Lightbody, Esq.* [2] Presented by the Earl of Cawdor.

Case.	Tablet.	Specimen.	Name.	Formation.	Lo
XXII.	52	2	Cardiola interrupta	Lower Ludlow.	N. E. of L
	53	2	Lunulicardium aliforme	,,	Vinnall H
	54	2	Orthonota semisulcata	,,	Golden deilo.
	55	1	,, rigida	,,	W. of We
	56	2	Grammysia cingulata	,,	Llangibby
XXIII	1	2	Ctenodonta	,,	Vinnall H
	2	1	,, sulcata	,,	N. of ditt
	3	1	,, ,,	,,	Vinnall H
	4	3	,,	,,	,,
	5	2	,, ovalis	,,	Marloes B
	6	3	Holopella gregaria	,,	,,
	7	1	Loxonema sinuosa	,,	Limekilns
	8	2	Pleurotomaria	,,	Golden G
	9	1	Chiton Grayanus	,,	Vinnall H
	10	4	Acroculia heliolites	,,	St. Ishm Freshwa
	11	1	Raphistoma	,,	Marloes brokeshi
	12	1	Murchisonia articulata	,,	Underbar
	13	6	Bellerophon	,,	Vinnall H
	14	3	,, trilobatus	,,	Freshwate shire.
	15	2	Cyrtolites carinaria	,,	Brick Hou
	16	1	,,	,,	Marloes brokeshi
	17	1	Theca	,,	Hole Farm
	18	3	,, Forbesii	,,	Vinnall H
	19	1	Conularia	,,	Leintward
	20	1	,,	,,	Church H
	21	1	,, bifasciata [1]	,,	,,
	22	1	,, ,,	,,	Leintward
	23	1	Phacops caudatus	Aymestry Limestone.	Bodenhan
	24	2	,, ,,	,,	Barkbury
	25	2	Pentamerus Knightii	,,	N. E. Heredor
	26	3	,, ,,	,,	,,
	27	2	,, ,,	,,	,,
	28	1	,, ,,	,,	Mocktree.
	29	4	Strophomena euglypha	,,	Dormingt
	30	3	,, ,,	,,	,,
	31	3	,, pecten	,,	Shucknall
	32	1	Chonetes levigata	,,	Malvern.
	33	2	Lingula Lewisii	,,	Mary Knc
	34	2	,, striata	,,	Whitcliff,
	35	6	,, unguiculus	,,	Birkenhea mahago.
	36	2	,,	,,	Aymestry
	37	3	Leptæna transversalis	,,	Pentland
	38	1	Avicula mira	,,	Mocktree.
	39	1	Pterinea Sowerbyii	,,	Llanbadoc
	40	1	Orthonota	,,	,,

[1] Presented by R. Lightbody, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIII	41	1	Cardiola striata - - -	Aymestry Limestone.	Shucknall Hill.
	42	1	Murchisonia - - - -	" -	" "
	43	6	" Lloydii - -	" -	Bodenham, Woolhope.
	44	1	" cingulata - -	" -	N.E. of Leintwardine.
	45	6	Pleurotomaria - - -	" -	Shucknall Hill, Woolhope.
	46	1	" - - - -	" -	Bodenham, Woolhope.
	47	1	" quadristriata -	" -	Rilbury Camp, Malvern.
	48	1	Euomphalus carinatus [1] -	" -	Mocktree.
	49	2	" alatus - -	" -	Bridge Hill, Malvern.
	50	2	" funatus - -	" -	Chanee's Nitch, "
	51	1	Cyclonema octavia - -	" -	Botvyle, Caradoc.
	52	1	" Corallii - -	" -	" "
	53	2	" - - - - -	" -	Bodenham, Woolhope.
	54	1	" - - - - -	" -	Shucknall Hill, "
XXIV	1	3	Proetus latifrons - - -	Upper Ludlow.	Kendal, Westmoreland.
	2	3	" " - - -	" -	No. 1, Usk Castle ; " 2, S.W. of Hazle, Woolhope.
	3	1	Encrinurus punctatus - -	" -	N.E. of Pillards Barn.
	4	1	Calymene Blumenbachii -	" -	Longhope Hill, May Hill.
	5	5	" tuberculosa - -	" -	Usk.
	6	1	Homalonotus Knightii [2] -	" -	Ludlow Castle.
	7	1	" " - -	" -	" "
	8	1	" " - -	" -	Cwm-graig-ddu, Builth.
	9	1	Phacops longicaudatus - -	" -	Powell Hall.
	10	2	Beyrichia Klödenii - -	" -	The Wonder, Woolhope, & Aymestry Common.
	11	3	Leperditia siliqua - - -	" -	The Wonder, and N.E. of Pillards Barn.
	12	3	Spirifer elevatus - - -	" -	Dafaddfa Uchaf.
	13	2	" " - - -	" -	Ludford Lane.
	14	6	Rhynchonella didyma - -	" -	E. of Hazle, Woolhope.
	15	6	" " - -	" -	Dafaddfa Uchaf.
	16	4	Orthis lunata - - -	" -	Wonder, Woodhope.
	17	1	" " - - -	" -	Firth Farm, Malvern.
	18	17	Rhynchonella navicula - -	" -	Usk.
	19	4	" nucula - -	" -	Hope End Park, Malvern.
	20	6	" " - -	" -	N.E. of Pillards Barn, Woolhope.
	21	4	" " - -	" -	Bringwood Chase.
	22	5	" Wilsoni - -	" -	Dafaddfa Uchaf.
	23	4	" " - -	" -	S.W. of Hazle, Woolhope.
	24	1	Orthis elegantula - - -	" -	N. of Bringwood Chase.
	25	1	" lunata - - -	" -	" "
	26	1	" - - - - -	" -	Ludford Lane.
	27	1	" " - - - -	" -	Bringwood Chase.

[1] Presented by R. Lightbody, Esq. [2] Presented by G. Cocking, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Lo
XXIV	28	1	Strophomena ornatella - -	Upper Ludlow.	Whitcliffe
	29	1	„ euglypha -	„ -	Hay Park low.
	20	2	„ applanata -	„ -	Lower hope, P
	31	1	„ filosa - -	„ -	Bringwoo low.
	32	1	„ „ - - -	„ -	S.W. of hope.
	33	1	Chonetes lata - -	„ -	Pont-ar-y gadoc.
	34	5	„ „ - -	„ -	N. E. of Woolho
	35	1	„ „ - -	„ -	Ludlow.
	36	2	„ „ - -	„ -	No. 1, Cal „ 2, King
	37	3	„ „ - -	„ -	Barrel H Hill.
	38	2	„ „ - - -	„ -	Malvern.
	39	6	Discina rugata - - -	„ -	No. 1, Kn „ 2, Frit „ 3, Co „ 4, Wo
	40	2	„ - - -	„ -	Kendal, V
	41	2	„ „ - - -	„ -	Malvern.
	42	1	Crania implicata - - -	„ -	Newtown Hill.
	43	1	Lingula - - - -	„ -	Kendal, V
	44	2	„ cornea - - -	„ -	„
	45	2	„ „ - - -	„ -	Lesmaha shire.
	46	4	Pterinea retroflexa - -	„ -	Hazle, W
	47	1	„ „ - -	„ -	Kendal, V
	48	2	„ lineatula - -	„ -	N. E. of Woolho
	49	1	„ - - -	„ -	Firth Far
	50	1	„ tenuistriata - -	„ -	Whitcliffe
	51	1	Avicula Danbyi - - -	„ -	Kendal, V
	52	1	Anodontopsis - - -	„ -	Dafaddfa
	53	4	„ -	„ -	Storm Hi
	54	1	„ securiformis -	„ -	Kendal, W
	55	2	„ Bulla - -	„ -	„
XXV.	1	2	Modiolopsis - - - -	„ -	S. of Tric
	2	2	„ platyphylla -	„ -	Dufadafa gadoc.
	3	1	„ lævis - - -	„ -	Horeb Ch
	4	1	„ - - -	„ -	Kendal, W
	5	3	„ - - -	„ -	„
	6	1	„ - - -	„ -	„
	7	1	„ - - -	„ -	Helme Fo
	8	1	„ - - -	„ -	Tin Mills,
	9	4	„ - - -	„ -	Storm Hil deilo.
	10	4	Modiola - - - -	„ -	Blæberry Water, L

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXV.	11	1	Orthonota amygdalina - -	Upper Ludlow.	Frith Farm, Ledbury.
	12	2	" " - -	" -	Pound N.W. of Colwall.
	13	1	" angulifera - -	" -	
	14	1	" undata - - -	" -	Woodbury Hill, Hole Farm.
	15	1	" rotundata - -	" -	Bringwood Chase, Ludlow.
	16	2	" semisulcata - -	" -	Builth.
	17	1	" truncata - -	" -	Brigster.
	18	1	" - - - -	" -	Kendal, Westmoreland.
	19	1	" - - - -	" -	Lower Quarry, Deerhope, Pentlands.
	20	1	Mytilus mytilimeris - -	" -	Lodge, Mary Knoll.
	21	2	Cucullella - - - -	" -	Horeb Chapel.
	22	2	" - - - -	" -	Pen rhiw, Llandovery.
	23	2	" - - - -	" -	Horeb Chapel.
	24	3	" - - - -	" -	N.E. of Pillards Barn.
	25	2	Arca primitiva - - -	" -	Kendal, Westmoreland.
	26		Arcidæ - - - -	" -	Park Lane, Llandeilo.
	27	3	Actinodonta cuneata? - -	" -	N. of Trichrug, Llandeilo.
	28	1	" - - - -	" -	Storm Hill Lodge, Llandeilo.
	29	1	Pleurorhynchus - - -	" -	Cullaughton Hill, Much Wenlock.
	30	2	Lunulicardium - - -	" -	No. 1, Coombe Wood, Presteign. " 2, Dolly Bridge, Presteign.
	31	1	" elegans -	" -	Nr. North Esk Reservoir, Carlops, Peebles.
	32	4	Goniophora cymbæformis -	" -	No. 1, Llanfreshfa, Usk. " 2, S. of Hazle.
	33	2	Sanguinolites anguliferus -	" -	W. of Rock Farm, May Hill.
	34	1	" " -	" -	Kendal, Westmoreland.
	35	1	Tellinites affinis - - -	" -	" "
	36	1	Grammysia cingulata[1] - -	" -	Benson Knot.
	37	3	" triangulata - -	" -	Kendal, Westmoreland.
	38	2	" rotundata - -	" -	" "
	39	1	" extrasulcata -	" -	Horeb Chapel, Llandovery.
	40	1	Ctenodonta - - - -	" -	" "
	41	1	" subæqualis - -	" -	S. of Trichrug, Llangadoc.
	42	2	" Eastnori - -	" -	" " "
	43	5	" obesa - -	" -	Lower Quary, Deerhope, Pentlands.
	44	1	" thracioides - -	" -	Near North Esk Reservoir, Carlops, Peebles.
	45	1	Platyschisma Williamsii -	" -	Pontar-y-llechan, Llangadoc.
	46	1	" " -	" -	Horeb Chapel, Llandovery.
	47	5	" helicites - -	" -	Storm Hill Lodge, Llandeilo.

[1] Presented by Sir R. I. Murchison.

Case.	Tablet.	Specimen.	Name.	Formation.	Lo
XXV.	48	1	Holopella obsoleta	Upper Ludlow	Horeb C dovery.
	49	2	„ „	„	Llanfechf
	50	2	„ gregaria	„	Storm Hil deilo.
	51	1	Macrocheilus	„	N.E. of Woolho
	52	1	Murchisonia corallii	„	Brook We
	53	1	„ „ (with coral)	„	Prior's Co
	54		Natica parva	„	No. 1, Fir
					„ 2, Sh
					„ 3, N.
	55	2	Bellerophon	„	Kendal,
	56		„ expansus	„	Firth Far
	57		„ Murchisoni	„	Hope En
	58		„ trilobatus	„	Llandove
	59	3	Theca Forbesii	„	No. 1, Sta
					„ 2, R
	60	1	„	„	Benson
	61		Conularia Sowerbyi	„	Bradon
	62		Ecculiomphalus lævis	„	Presteign
XXVI	1	3	Crustacean Tail Spines	Downton Beds.	Kington,
	2	2	Modiolopsis and Platyschisma helicites.	„	„
	3	1	„ complanata [1]	„	Ludlow.
	4	1	„	„	„
	5	2	Modiola	„	Kington,
	6	3	Lingula Cornea	„	„
	7	1	„ „	„	„
	8	1	„ „	„	„
	9	3	„ „	„	Dean's Wenloc
	10	4	Platyschisma helicites	„	Kington,
	11	2	„ „ [2]	Bone Bed	May Hill
	12	1	Bellerophon Murchisoni [3]	„	Malverns
	13	4	Theca [3]	„	Brockhill
	14	4	Discina [3]	„	„
	15	16	Discina, Lingula, Theca [3]	„	„
	16	6	Lingula cornea [3]	„	„
	17	8	Coprolites [3]	„	„
	18	1	Seeds of Lycopodiaceæ	Passage Beds	Ludford,
	19	1	„ „	„	Ludlow.
	20	4	Leperditia	„	Ludlow
	21	2	„ marginata	„	Clun Mil
	22	2	„ „	„	Ludlow.
	23	2	„	„	„
	24	1	„	„	„
	25	1	Eurypterus pygmæus	„	„
	26	3	Beyrichia Klodeni	„	Railway,
	27	1	„ siliqua	„	Onibury,
	28	1	Orthonota solen	„	Tin Mills

[1] Presented by J. Harley, Esq. [2] Presented by Sir R. I. Mu
[3] Presented by the Rev. W. Dyson.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXVI	29	8	Lingula cornea - - -	Passage Beds	Maes-y-qwastad, Kington.
	30	1	,, ,, - - -	,, -	River Teme, Ludlow.
	31	2	,, ,, - - -	,, -	Clun Hill, nr. Kington.
	32	3	,, ,, - - -	,, -	Ludlow Railway.
	33	1	,, ,, - - -	,, -	Onibury.

SILURIAN SERIES. (Drawers 1 to 26.)

Underneath the Flat Cases.

B.—UPPER SILURIAN GROUP. SECT. II.
DRAWERS XII. to XXVI.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XII.	1	2	Illænus Bowmanni [1] - -	Upper Llandovery.	Llwyn Meredith Quarry, Myddfau, Llandovery.
	2	1	Acidaspis Brightii [1] - -	,, -	Craig-yr-Wyson, Llandovery.
	3	3	Rhynchonella decemplicata -	,, -	Obelisk, Malvern.
	4	4	,, Wilsoni -	,, -	Huntley Hill, May Hill.
	5	3	Spirifer elevatus - - -	,, -	Damory Bridge, Tortworth.
	6	1	Atrypa hemisphærica - -	,, -	Charfield Green ,,
	7	1	,, ,, - -	,, -	Marloes Bay.
	8	1	,, reticularis - -	,, -	Hollies Farm, Shropshire.
	9	1	,, ,, [2] - -	,, -	Hope Quarry.
	10	1	Pentamerus lens [1] - -	,, -	Craig-yr-wyson, Llandovery.
	11	1	,, ,, - - -	,, -	Penlan, Llandovery.
	12	3	,, ,, - - -	,, -	Bromsgrove, Lickey, Worcestershire.
	13	1	,, oblongus [1] - -	,, -	Craig-yr-wyson, Llandovery.
	14	1	Obolus - - - - -	,, -	May Hill.
	15	2	Lingula crumena - - -	,, -	Howlers Heath.
	16	2	,, Bechei - - -	,, -	Marloes Bay.
	17	2	Strophomena compressa [2] -	,, -	Hope Quarry.
	18	1	Modiolopsis - - - -	,, -	Marloes Bay.
	19	1	,, - - - -	,, -	,,
	20	2	,, - - - -	,, -	,,
	21	1	,, - - - -	,, -	,,
	22	1	Lyrodesma - - - -	,, -	,,
	23	1	Actinodonta cuneata - -	,, -	,,

[1] Presented by T. Hughes, Esq. [2] Presented by J. W. Salter, Esq.

Drawer.	Tablet.	Specimen.	Name.	Formation.	L
XII.	24	1	Murchisonia [1] - - -	Upper Llandovery.	Near Ll
	25	2	Raphistoma lenticularis -	,, -	Norbury
	26	1	Cyclonema Davisii - -	,, -	Nash Sc
	27	1	Murchisonia pulchra ? - -	,, -	Marloes
	28	2	Pterotheca transversa - -	,, -	Damory
	29	3	Petraia elongata - - -	,, -	Huntley
	30	1	,, subduplicata - -	,, -	Marloes
	31	3	,, ,, - -	,, -	Ballycar
	32	1	,, Du Noyeri - -	,, -	,,
XIII.	1	4	Lichas verrucosus - -	Woolhope Beds.	Worcest Malver
	2	2	Rhynchonella Stricklandi -	,, -	Nash Sc
	3	2	,, didyma - -	,, -	Ballard's
	4	2	,, Wilsoni - -	,, -	Lindel's
	5	2	,, borealis - -	,, -	Littleho
	6	3	,, deflexa - -	,, -	Ballard's
	7	1	Pentamerus liratus - -	,, -	Marloes
	8	1	,, undatus - -	,, -	Buildwa
	9	1	Orthis rustica - - -	,, -	Dursley
	10	2	Strophomena euglypha -	,, -	Worcest Malver
	11	5	Leptæna transversalis - -	,, -	S. of W
	12	1	Discina Forbesii - - -	,, -	Malvern.
	13	2	Pterinea - - - -	,, -	Bogmine
	14	1	Mytilus mytilimeris - -	,, -	Sandban
	15	1	Holopella - - - -	,, -	Bogmine
	16	2	Murchisonia - - - -	,, -	,,
	17	1	Cyclonema - - - -	,, -	Presteig
	18	1	Euomphalus - - - -	,, -	Littleho
	19	2	Bellerophon - - - -	,, -	Bogmine
	20	1	,, dilatatus - -	,, -	Worcest Malver
XIV.	1	1	Fucoid - - - -	Wenlock Rocks.	Tividale,
	2	1	Stenopora fibrosa - -	,, -	Woolho
	3	1	Labechea conferta - -	,, -	Wenlock
	4	1	Thecia Swindernana - -	,, -	Rock Fa
	5	1	Heliolites tubulatus - -	,, -	Malvern
	6	3	Omphyma turbinatum - -	,, -	West En Tunnel
	7		Petraia - - - - -	,, -	Whitfiel
	8	3	Crotalocrinus rugosus - -	,, -	Glyddon
	9	2	,, ,, - -	,, -	Benthall
	10	5	,, ,, - -	,, -	Dudley.
	11	10	,, ,, - -	,, -	Benthall
	12	1	,, - - -	,, -	Wenlock
	13	1	Cyathocrinus goniodactylus -	,, -	Dudley.
	14	1	,, ,, -	,, -	,,
	15	1	,, ,, -	,, -	,,
	16	2	,, ,, -	,, -	,,
	17	1	,, - - -	,, -	,,
	18	1	,, - - -	,, -	,,

[1] Presented by — Williams, Esq.

Specimen.	Name.	Formation.	Locality.
1	Cyathocrinus	Wenlock Rocks.	Dudley.
2	" capillaris -	" -	"
1	Glyptocrinus expansus - -	" -	"
1	" " - -	" -	"
1	" " - -	" -	"
1	" " - -	" -	"
1	Taxocrinus tuberculatus -	" -	"
1	" " - -	" -	"
1	" " - -	" -	"
1	" " - -	" -	"
1	" simplex - -	" -	"
1	" conicus - -	" -	"
1	Mariacrinus - - - -	" -	"
1	Dimerocrinus icosidactylus -	" -	"
1	Cheirocrinus serialis - -	" -	"
1	Marsupiocrinus cœlatus -	" -	Dudley.
2	" " -	" -	"
1	" " -	" -	"
1	" " -	" -	"
3	" - - -	" -	"
1	Periechocrinus moniliformis-	" -	"
1	" " -	" -	"
2	" " -	" -	"
1	" " -	" -	"
1	" " -	" -	"
1	Actinocrinus retiarius [1] -	" -	"
1	" - - -	" -	Near Ulverstone.
1	" - - -	" -	"
3	" pulcher - -	" -	Helms Gill.
2	" Wynnei - -	" -	No. 1. Kilnacreagh, Clare. " 2. Knocknagoogh, Tipperary.
3	Beyrichia gibba - - -	" -	Slate Mill, Pembrokeshire.
1	" Klœdeni - -	" -	Wooltack Bay.
3	Illænus Barriensis - -	" -	Dudley.
5	" " (casts) -	" -	"
2	" " - - -	" -	Winnings Quarry, Malvern.
1	" " - - -	" -	Dudley.
2	" " - - -	" -	W. end of Wych Tunnel, Malvern.
1	Cyphaspis pygmæus - -	" -	Eastnor Castle.
1	" elegantula - -	" -	Malvern.
1	Proetus [2] - - - -	" -	Dudley.
2	" Stokesii - - -	" -	"
3	" " [3] - -	" -	Malvern.
1	" - - - -	" -	Dudley.
3	" - - - -	" -	Rock Farm, May Hill.
5	" - - - -	" -	Eastnor, Malvern.

nted by S. Blackwall, Esq. [2] Presented by Sir R. I. Murchison.
[3] Presented by the Rev. F. Dyson.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XVI.	16	1	Proetus - - - -	Wenlock Rocks.	Malvern.
	17	7	" - - - -	" -	Dudley.
	18	1	" - - - -	" -	"
	19	1	" - - - -	" -	Malvern.
	20	3	Phacops Stokesii - - -	" -	Vinnal, Hill, Lu
	21	3	" " - - -	" -	N. of Malvern
	22	1	" " - - -	" -	
	23	3	" Downingiæ - -	" -	E.ofUpperHall,
	24	5	" " - -	" -	Freshwater Eas
	25	3	" " - -	" -	Dudley.
	26	1	" " [1] - -	" -	Pen-y-Llan, Ca
	27	3	" " - -	" -	Malverns.
	28	3	" " - -	" -	Dudley.
	29	1	" " - -	" -	Ledbury.
	30	1	" Musheni - -	" -	Dudley.
	31	3	" caudatus - -	" -	Ledbury.
	32	2	" " [2] - -	" -	"
	33	1	" " [2] - -	" -	"
	34	5	" " [2] - -	" -	"
	35	3	" " - -	" -	Craig-y-garcyd,
	36	1	" " - -	" -	Malvern.
	37	2	" longicaudatus -	" -	Burrington, Lu
	38	3	" obtusicaudatus -	" -	Helms Gill.
	39	3	Cheirurus bimucronatus -	" -	Trindle, Dudley
	40	1	" " - -	" -	Wenlock Edge.
	41	1	" " - -	" -	Malvern.
	42	1	" " - -	" -	Nelson's Towe Caermarthens
	43	6	" " - -	" -	Dudley.
	44	1	Encrinurus punctatus - -	" -	Chickley Comn
	45	1	" " - var. arenaceus.	" -	Marloes Bay, E
	46	5	" " - -	" -	Dudley and Wa
	47	1	" " - -	" -	Dudley.
	48	1	" variolaris - -	" -	"
	49	4	" " - -	" -	Colebrook Da Dormington
	50	3	" " - -	" -	Trindle, Dudley
	51	7	" " - -	" -	" "
XVII.	1	1	Deiphon Forbesii [3] - -	" -	Dudley.
	2	2	" - - - -	" -	"
	3	1	Sphærexochus mirus - -	" -	Walsall.
	4	1	" " (cast) -	" -	Dudley.
	5	2	Acidaspis Barrandii - -	" -	Callow Farm.
	6	1	" " [4] - -	" -	Dudley.
	7	1	" - - - -	" -	"
	8	2	" [1] - - - -	" -	Pen-y-Llan, Ca
	9	1	" Brightii - - -	" -	Dudley.
	10	1	" bispinosus - -	" -	"
	11	1	Lichas verrucosus - - -	" -	Rock Farm, Ma

[1] Presented by the Rev. Norman Glass. [2] Presented by — Bright, Es
[3] " J. W. Fletcher, Esq. [4] " W. J. Beckett,

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XVII.	12	3	Lichas Barrandii [1]	Wenlock Rocks.	Ledbury.
	13	1	„ „ [2]	„	Pen-y-Llan, Cardiff.
	14	1	„ Bucklandii	„	Dudley.
	15	7	„ anglicus	„	„
	16	3	„ „	„	„
	17	2	„ hirsutus	„	„
	18	1	„	„	Buildwas, Shropshire.
	19	1	„	„	Malvern.
	20	1	„	„	Dudley.
	21	1	„	„	„
	22	3	Calymene Blumenbachii	„	„
	23	4	„ „	„	Near Ledbury.
	24	2	„ „	„	Dudley.
	25	3	„ „	„	Nelson's Tower Wood.
	26	3	Homalonotus delphinocephalus. [3]	„	Garecoed, Usk.
	27	1	„ „	„	Dudley.
	28	9	Terebratula Grayii	„	Walsall.
	29	3	„ nitida	„	Dudley.
	30	1	Spirifer plicatellus	„	Ferriter's Dingle.
	31	4	„ „	„	Marloes Bay, East.
	32	3	„ „	„	Nelson's Tower Wood.
	33	2	„ „	„	Brook, nr. Marloes Mill.
	34	1	„ „	„	Eastnor Castle.
	35	2	„ „ [2]	„	Pen-y-Llan, Cardiff.
	36	3	„ elevatus	„	No. 1, Rock Farm, Longhope. „ 2, Usk.
	37	2	„ „	„	Slate Mill, Hasguard.
	38	2	„ „	„	Dudley and Wenlock.
	39	4	„ „	„	The Bell, Walsall.
	40	3	„ bijugosus	„	Ferriter's Cove, Dingle.
	41	4	„ crispus	„	Can Wood.
	42	1	„ trapezoidalis	„	Nelson's Tower Wood.
	43	1	Athyris tumida [2]	„	Pen-y-Llan, Cardiff.
	44	5	„ „	„	Hereford Beacon.
	45	5	„ „	„	Horseshoe Farm, Tortworth.
	46	1	„ didyma	„	Dudley.
	47	10	„ „	„	Falfield, Tortworth.
	48	5	„ „	„	Marloes Bay, E. Pembroke.
	49	4	„ „	„	Martley.
	50	1	„ [4]	„	Ballard's Quarry, Malvern.
XVIII.	1	3	Atrypa reticularis	„	Marloes Bay.
	2	4	„ „	„	„
	3	13	„ „	„	Dormington Wood, Woolhope.
	4	2	„ „	„	Dudley.
	5	1	„ „	„	Golden Grove.
	6	6	„ „	„	Marloes Bay, East.
	7	7	„ „	„	North of Woolhope.

[1] Presented by J. W. Fletcher, Esq. [2] Presented by the Rev. Norman Glas.
[3] „ W. Nichol, Esq. [4] „ the Rev. F. Dyson.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XVIII	8	2	Atrypa marginalis [1] - -	Wenlock Rocks.	Moel-y-garth, pool.
	9	11	,, ,, - -	,, -	Wenlock Edge.
	10	2	,, - - -	,, -	,,
	11	1	Retzia cuneata - - -	,, -	North of Can Woolhope.
	12	5	,, ,, - - -	,, -	Grug.
	13	1	,, Salteri - - -	,, -	Wenlock Edge.
	14	11	,, ,, - - -	,, -	,,
	15	3	Rhynchonella Wilsoni - -	,, -	Coomb Hill, Mal
	16	9	,, ,, - -	,, -	Clinchers Mill.
	17	5	,, ,, - -	,, -	Scar Lime Work bury.
	18	6	,, ,, [2] - -	,, -	Walsall.
	19	2	,, Stricklandi [2] -	,, -	,,
	20	9	,, ,, -	,, -	E. of Can Wood, hope.
	21	13	,, borealis -	,, -	Dormington Wo Woolhope.
	22	7	,, ,, - -	,, -	E. of Can Wood, hope.
	23	7	,, depressa -	,, -	Crewes Hill, Mal
	24	11	,, ,, -	,, -	Storridge, Malver
	25	2	,, deflexa - -	,, -	Walsall.
	26	5	,, obovata -	,, -	Burrington Ludl
	27	3	,, - - -	,, -	Dudley.
	28	6	,, - - -	,, -	,,
	29	3	,, rotunda -	,, -	Callow Farm, Ma
	30	1	,, Lewisii - -	,, -	Trindle, Dudley.
	31	6	,, - - -	,, -	,, ,,
	32	2	,, - - -	,, -	Walsall, Staffords
	33	10	Pentamerus galeatus - -	,, -	Rock Farm, Lon
	34	3	Orthis biforata - - -	,, -	Walsall, Staffords
	35	4	,, hybrida - - -	,, -	Dormington Wo
	36	2	,, elegantula - - -	,, -	,,
	37	11	,, ,, - - -	,, -	Dudley.
	38	2	,, ,, - - -	,, -	,,
	39	18	,, ,, - - -	,, -	Rock Farm, Lon
	40	1	,, calligramma - -	,, -	West end of Tunnel, Malver
	41	1	,, ,, [3] - -	,, -	Garecoed, Usk.
	42	1	,, - - - - -	,, -	Dudley.
	43	1	,, - - - - -	,, -	Malvern.
	44	5	Strophomena pecten - -	,, -	Walsall.
	45	2	,, ,, - -	,, -	Middleton Hall.
	46	3	,, ,, - -	,, -	The Bell, 2½ m. Walsall.
	47	1	,, ,, - -	,, -	Wenlock Edge.
XIX.	1	15	Athyris didyma - - -	,, -	Falfield, Tortwor
	2	18	Retzia Salteri - - -	,, -	Dormington Wo
	3	2	,, cuneata - - -	,, -	Dudley.

[1] Presented by the Manchester Geo. Soc. [2] Presented by T. Gray, Esq.
[3] Presented by W. Nichol, Esq.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIX.	4	6	Atrypa marginalis - -	Wenlock Rocks.	Dudley.
	5	2	Rhynchonella Stricklandi [1] -	„ -	Gaercoed, Usk.
	6	8	Orthis hybrida - - -	„ -	Bell, Walsall, Staffordshire.
	7	5	„ elegantula - - -	„ -	Chickley Common, Woolhope.
	8	13	Leptæna transversalis - -	„ -	Sibdon, Shropshire.
	9	7	„ „ - -	„ -	Dudley.
	10	2	„ Grayii - - -	„ -	Walsall.
	11	6	„ - - - - -	„ -	Dudley.
	12	1	„ lævigata - - -	„ -	Near Ledbury.
	13	4	Strophomena compressa -	„ -	Slate Mill, Hasguard.
	14	3	„ „ -	„ -	Wooltack Bay, Pembrokeshire.
	15	1	„ „ -	„ -	Ferriters Cove, Dingle.
	16	1	„ „ -	„ -	Slate Mill, Hasguard.
	17	1	„ depressa - -	„ -	Beacon Hill Quarry, Sedgley.
	18	1	„ „ - -	„ -	Wood Green, Longhope.
	19	1	„ „ - -	„ -	The Rock, May Hill.
	20	2	„ „ - -	„ -	Dormington Wood, Woolhope.
	21	1	„ - - - -	„ -	Buildwas, Shropshire.
	22	7	„ antiquata -	„ -	Walsall.
	23	4	„ imbrex - -	„ -	Malvern and May Hill.
	24	10	„ - - - -	„ -	Chickley Common, Woolhope.
	25	1	Discina [2] - - - -	„ -	Dudley.
	26	1	„ - - - - -	„ -	Whitfield, Tortworth.
	27	1	Obolus - - - - -	„ -	Dudley.
	28	4	„ transversus - -	„ -	Walsall.
	29	2	„ „ - -	„ -	„
	30	1	Pleurotomaria balteata - -	„ -	Longhope.
	31	3	Murchisonia - - - -	„ -	Llansannan, Denbighshire.
	32	2	Euomphalus carinatus - -	„ -	Pyrton Passage, Tortworth.
	33	1	„ - - - -	„ -	Dormington Wood.
	34	2	„ discors - -	„ -	Wood End, nr. Walsall.
	35	1	Pleurorhynchus æquicostatus	„ -	Dormington Wood.
	36	1	Pterinea lineatula [3] - -	„ -	Dudley.
	37	1	Bellerophon - - - -	„ -	Trindle, Dudley.
	38	1	Ecculiomphalus lævis - -	„ -	Burrington, Ludlow.
	39		Conularia Sowerbyi - -	„ -	Malvern Hills.
XXI.	1	1	Bronteus - - - -	Lower Ludlow.	Ledbury.
	2	1	Cheirurus bimucronatus -	„ -	„
	3	3	Ischadites Kœnigii - -	„ -	„
	4	4	Graptotheca punctulata -	„ -	Leintwardine.
	5	1	„ punctata - -	„ -	Church Hill.
	6	1	New Polyzoon [4] - -	„ -	„
	7	1	Spirifer trapezoidalis - -	„ -	Ledbury.

[1] Presented by W. H. Nichol, Esq. [2] Presented by W. J. Beckett, Esq.
[3] „ C. Stokes, Esq. [4] „ A. Marston, Esq.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality
XXI.	8	1	Athyris tumida - - - - -	Lower Ludlow.	Hole Farm, W Hill.
	9	1	Rhynchonella nucula - -	,, -	Pyrton Passag
	10	4	,, Wilsoni - -	,, -	St. Ishmael's Dale.
	11	2	Orthis elegantula - - -	,, -	Freshwater Ea brokeshire.
	12	4	Strophomena filosa - -	,, -	Marloes Bay, brokeshire.
	13	1	,, euglypha -	,, -	Ledbury.
	14	3	,, antiquata -	,, -	,,
	15	2	Obolus transversus - -	,, -	,,
	16	2	Avicula Danbyi - - -	,, -	,,
	17	1	,, ,, - - -	,, -	Duke's Wood, W Usk.
	18	1	Pterinea posidoniæformis -	,, -	Hole Farm, W Hill.
	19	2	Anodontopsis securiformis -	,, -	Ledbury.
	20	2	,, perovalis - -	,, -	,,
	21	3	Modiolopsis - - - - -	,, -	,,
	22	5	Cucullella coarctata - -	,, -	Freshwater Ea brokeshire.
	23	3	Actinodonta - - - -	,, -	,,
	24	3	Cardiola striata - - -	,, -	Ledbury.
	25	1	,, interrupta - -	,, -	Presteign.
	26	3	Orthonota impressa - - -	,, -	Ledbury.
	27	4	,, ,, - -	,, -	,,
	28	2	,, - -	,, -	,,
XXII.	1	1	Orthonota - - - -	,, -	Swansea Road.
	2	1	,, rigida - - -	,, -	Brock Hill, Ma
	3	1	Ctenodonta ovalis - - -	,, -	Marloes Bay, brokeshire.
	4	4	Euomphalus alatus - -	,, -	Golden Grove deilo.
	5	4	,, ,, var. sub-undatus.	,, -	,,
	6	1	,, carinatus - -	,, -	Bow Bridge.
	7	1	Pleurotomaria striatissima -	,, -	Ledbury.
	8	2	Murchisonia articulata - -	,, -	,,
	9	2	Loxonema sinuosa - -	,, -	,,
	10	1	Bellerophon infundibulum -	,, -	Vinnal Hill, Lu
	11	2	,, - - - - -	,, -	Ledbury.
	12	2	Ecculiomphalus lævis - -	,, -	,,
	13	1	Conularia, n. sp.[1] - - -	,, -	Bow Bridge.
	14	1	Entomis depressa - - -	Aymestry Limestone.	Mocktree.
	15	1	Rhynchonella navicula - -	,, -	Llanbaddock.
	16	4	Pentamerus Knightii - -	,, -	Leintwardine.
	17	3	,, ,, - - -	,, -	Nettleton Com Ludlow.
	18	1	,, ,, - -	,, -	N.E. of Leintw
	19	4	,, ,, - - -	,, -	N. of ,,
	20	1	Chonetes lævigata - - -	,, -	Upper Mitchel bury.

[1] Presented by A. Marston, Esq.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XII.	21	1	Chonetes lævigata [1] - - -	Aymestry Limestone.	Malvern.
	22	2	Pterinea - - - - -	" -	Blackbury Camp, Woolhope.
	23	2	Cardiola striata - - - -	" -	Llanbaddock, Usk.
	24	1	Loxonema sinuosa [2] - -	" -	Near Ledbury.
	25	1	Pleurotomaria striatissima [3] -	" -	Llanbaddock, Usk.
	26	1	Bellerophon dilatatus - -	" -	N.E. of Leintwardine.
XXIII	1	2	Beyrichia Klædeni - - -	Upper Ludlow.	Aymestry Common,&c.
	2	1	" " - -	" -	Stapleton, Presteign.
	3	1	Homolonotus Knightii - -	" -	Woolhope.
	4	1	Entomis tuberosa - - - -	" -	Aymestry Common.
	5	2	" " - - - -	" -	No. 1, Pentland Hills. " 2, Bow Bridge.
	6	1	" divisa - - -	" -	Cwm Craig-ddu, Builth.
	7	2	Athyris didyma - - - - -	" -	Pillards Barn, Woolhope.
	8	1	" " - - -	" -	Pound.
	9	1	Rhynchonella nucula - -	" -	Nun Hill, Cleobury.
	10	1	" " - -	" -	Kington, Hereford.
	11	9	" " - - -	" -	Frith Farm, &c.
	12	1	" " - - -	" -	Horeb Chapel.
	13	3	Orthis lunata - - - - -	" -	Tinkers Hill, Ludlow.
	14	1	Chonetes lata - - -	" -	Neen Sollers, Cleobury.
	15	2	" " - - -	" -	N.E of Pillards Barn, Woolhope.
	16	2	Crania implicata [4] - - -	" -	Newton Lane, Bradnor Hill.
	17	1	Discina - - - - -	" -	Kendal, Westmoreland.
	18	3	" rugata - - - -	" -	Pyrton Passage.
	19	1	Lingula lata - - - -	" -	Kendal, Westmoreland.
	20	1	Avicula Danbyi - - -	" -	" "
	21	1	" " - - -	" -	Meas Clettur, nr. Builth.
	22	2	" ampliata - - -	" -	N. of Trichrug, Llandeilo.
	23	1	Pterinea retroflexa - -	" -	Kendal, Westmoreland.
	24	1	" " - - - -	" -	Pontar Blechan, Llangaddock.
	25	1	" - - -	" -	Kendal, Westmoreland.
	26	1	" tenuistriata - -	" -	Frith Farm, Malvern.
	27	1	Anodontopsis [5] - - - -	" -	Llandovery.
	28	1	" quadratus -	" -	Hope End, Malvern.
	29		" angustifrons -	" -	Horeb Chapel.
	30		" bulla - -	" -	Kendal, Westmoreland.
	31		" lucini - - -	" -	Lower Quarry, Deerhope, Pentlands.
	32		Modiolopsis gradata - -	" -	Golden Grove, Llandeilo.
	33		" " - -	" -	" "

[1] Presented by the Rev. F. Dyson. [2] Presented by Dr. Grindrod.
[3] " G. W. Ormerod, Esq. [4] " —— Banks, Esq.
[5] Presented by —— Williams, Esq.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXIII	34		Orthonota triangulata - -	Upper Ludlow.	N. of Dafaddf Llandeilo.
	35		„ - - - -	„ -	Kendal, Westm
	36		„ amygdalina - -	„ -	Frith Farm, Le
	37		„ „ - -	„ -	North Esk R Peebles.
	38		„ primitiva - -	„ -	Freshwater Eas
	39		Cucullella antiqua - -	„ -	Woodbury Hi berley.
	40		„ ovata - - -	„ -	Newton Lane,
	41		„ - - - -	„ -	Hill Side Farm bury Hill.
	42		New genus - - - -	„ -	Park Lane, Lla
	43		Axinus securiformis - -	„ -	Kendal.
	44		Actinodonta cuneata - -	„ -	Marloes Bay.
	45		„ „ - -	„ -	North of T Llandeilo.
XXIV	1	1	Lunulicardium - - -	„ -	Storm Hill Lod deilo.
	2	1	Goniophora cymbæformis -	„ -	Malvern.
	3	1	„ „	„ -	Frith Farm, Ma
	4	2	Leptodomus truncatus -	„ -	Benson Knot,
	5	2	Solen rectus - - - -	„ -	Kendal, Westm
	6	3	„ „ - - - -	„ -	„ „
	7	1	„ (Ceratiocaris) - -	„ -	Freshwater, E. side).
	8	1	Grammysia triangulata -	„ -	Kendal, Westm
	9	4	„ „ - -	„ -	N. of Trichru deilo.
	10	1	„ triangulata, rotundata, &c.	„ -	Kendal, Westm
	11	1	„ rotundata - -	„ -	„ „
	12	1	Ctenodonta inæqualis, &c. -	„ -	Horeb Chapel.
	13	1	„	„ -	„ „
	14	1	„ subæqualis - -	„ -	Penrhiw, Lland
XXV.	1	1	Murchisonia corallii - -	„ -	Hale's End, Ma
	2	1	„ articulata -	„ -	Frith Farm, Ma
	3	3	„ Lloydii - -	„ -	Coomb Hill, Malvern.
	4	1	Holopella gregaria - -	„ -	S. of Trichru gaddock.
	5	1	„ obsoleta - -	„ -	Llanfechfa, Usk
	6	1	„ „ - -	„ -	Kendal, Westm
	7	1	Platyschisma simulans - -	„ -	North Esk R Pentland.
	8	4	„ „ - -	„ -	Birkenhead Bu mahago.
	9	1	„ helicites -	„ -	North Trichru deilo.
	10	1	„ - -	„ -	Near Llandover
	11	2	„ Williamsii -	„ -	„ „
	12	1	Acroculia antiquata - -	„ -	Near Carlops, P
	13	4	„ „ - -	„ -	North Esk R Pentland.
	14	1	Ecculiomphalus - -	„ -	Deer Hope, Per
	15	1	Bellerophon trilobatus - -	„ -	Pont-y-llecha gaddock.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXV.	16	2	Bellerophon obtectus - -	Upper Ludlow.	Marloes Bay.
	17	1	" expansus - -	" -	Shropshire.
	18	1	Theca Forbesii - - -	" -	Bringwood Chase, Ludlow.
	19	2	Conularia subtilis - -	" -	Kendal, Westmoreland.
	20	1	" - - - -	" -	North Esk Reservoir, Carlops, Peebles.
XXVI	1	3	Tail spines of crustacea -	Downton Sandstone.	Kington, Herefordshire.
	2	2	" " - -	" -	" "
	3	1	Leperditia - - - -	" -	Northfield, Shobdon.
	4	1	Spirifer elevatus - - -	" -	" "
	5	3	Lingula cornea - - -	" -	Kington, Herefordshire.
	6	1	Modiolopsis - - - -	" -	Kington.
	7	1	Anodontopsis bulla - -	Tilestones -	Storm Hill Lodge, Llandeilo.
	8	1	" - - - -	" -	" "
	9	2	" - - - -	" -	Storm Hill Lodge, Llandeilo.
	10	3	" - - - -	" -	" "
	11	2	" - - - -	" -	" "
	12	3	" - - - -	" -	" "
	13	1	" - - - -	" -	" "
	14	1	Grammysia - - - -	" -	S. of Trichrug, Llangadoc.
	15	1	Ctenodonta - - - -	" -	Storm Hill Lodge.
	16	1	Turbo - - - - -	" -	Kington, Herefordshire.
	17	4	Platyschisma helicites - -	" -	Park Lane and Golden Grove, Llandeilo.
	18	3	Bellerophon trilobatus - -	" -	S. of Trichrug, Llangadoc.

Silurian Series. (Wall Cases 4 to 9.)

B.—UPPER SILURIAN GROUP. Sect. III.
Wall Cases VI. to IX.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
VI. Shelf. III.			Sections 17, 18, 19.		
	1	1	Palæocyclus porpita - -	Upper Llandovery.	W. of Crockleys, near Tortworth.
	2	1	" " - -	" -	Huntley Hill, near Gloucester.
	3	1	" præcutus - -	" -	May Hill "
	4	1	Heliolites interstinctus -	" -	Huntley Hill, May Hill.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
VI. Shelf. III.			SECTIONS 17, 18, 19.		
	5	1	Heliolites favosus [1]	Upper Llandovery.	Hope Quarry.
	6	1	„ subtilis	„	Presteign.
	7	1	Favosites alveolaris	„	Hope Quarry, Minsterley.
	8	1	„ „	„	Damory Bridge, Tortworth.
	9	1	„ „	„	W. side Cefn-y-garrig, Llandovery.
	10	2	„ multiporus	„	Howler's Heath, Malvern.
	11	1	Halysites catenularius	„	Penlan, Llandovery.
	12	1	„ „	„	Craig Gwyddon, Llandovery.
	13	2	Stenopora fibrosa	„	Huntley Hill, May Hill.
	14	1	Aulopora serpens	„	Norbury.
	15	1	Petraia elongata	„	Tortworth.
	16	3	„ „	„	Huntley Hill, May Hill.
	17	4	„ „	„	May Hill.
	18	3	„ „	„	Norbury.
	19	1	„ „	„	„
	20	2	„ „	„	Penlan, Llandovery.
	21	4	„ „	„	Castell Craig, Gwyddon, Llandovery.
	22	1	„ subduplicata	„	Trecoed, Builth.
	23	1	„ „	„	Gunwick Mill, near Alfrick.
	24	2	„ uniserialis	„	Castell Craig, Gwyddon, Llandovery.
	25	5	„	„	„ „
	26	11	„ bina	„	May Hill and Huntley Hill.
	27	3	„ „	„	Huntley Hill.
	28	2	„ „	„	Penlan, Llandovery.
	29	1	„	„	Llandovery.
	30	1	„	„	May Hill.
	31	4	„	„	Huntley Hill.
	32	1	Labechia conferta	„	Uggool.
	33	2	Glyptocrinus	„	Dolgynnon, Llandovery.
	34	1	Rhodocrinus	„	May Hill, n. Gloucester.
	35	6	Periechocrinus	„	Woodford Green, Tortworth.
	36	2	„ [2]	„	Avening Green „
	37	2	„ [2]	„	„ „
	38	2	Encrinite stem	„	Pont Swaddow, Llandovey Rotch.
	39	1	„ „	„	Castell Craig, Gwyddon.
	40	2	„ „	„	Blaen-y-cwm Ridge, Llandovery.
	41	1	Palæaster coronella	„	Gunwick Mill, Alfrick.
	42	2	Palæchinus ? Phillipsiæ	„	Worcester Beacon.

1. Presented by J. W. Salter, Esq. 2 Presented by Earl Ducie.

ase.	Tablet.	Specimen.	Name.	Formation.	Locality.
I. elf. V.			SECTIONS 17, 18, 19.		
	1	1	Cornulites serpularius - -	Upper Llandovery.	Huntley Hill, Gloucestershire.
	2	1	" " - -	" -	Marloes Bay.
	3	1	Serpulites - - - -	" -	Woodford Green, Tortworth.
	4	7	Tentaculites anglicus - -	" -	No. 1, Damory Bridge. " 2, Woodford Green. " 3, W. of Crockley's Farm. " 4, " " " 5, Charfield Green.
	5	1	" " - -	" -	Marloes Bay.
	6	3	Trachyderma - - -	" -	Obelisk Lane, Malvern Hills.
	7	1	Graptolithus priodon - -	" -	Mandinam.
	8	1	" " - -	" -	May Hill.
	9	1	" " - -	" -	Morrells Wood, Wrekin.
	10	1	" " - -	" -	Damory Bridge, Tortworth.
	11	2	Fenestella - - - -	" -	May Hill.
	12	1	Ptilodictya lanceolata - -	" -	Damory Bridge, Tortworth.
	13	3	Orthoceras conicum - -	" -	Obelisk, Eastnor Park.
	14	1	" " - -	" -	Norbury.
	15	1	" " - -	" -	Priest Hill, Tortworth.
	16	2	" " - -	" -	Charfield Green.
	17	1	" " - -	" -	Marloes Bay.
	18	1	" coralliforme [1] - -	" -	Llwyn Meredith, Myddfai.
	19	1	" " - -	" -	Boocaun, Galway.
	20	1	" " -	" -	Shanballymore, Outerard.
	21	1	" and Petraia elongata.	" -	Castell Craig, Gwyddon, Llandovery.
	22	1	" nummularium -	" -	Craig-yr-wydon, Llandovery.
	23	1	" bilineatum - -	" -	Llandovery Rotch, Pont Swaddow.
	24		" - - - -	" -	Damory Bridge, Tortworth.
	25	1	Phragmoceras ventricosum -	" -	May Hill.
	26	1	Ormoceras - - - -	" -	Marloes Bay.
	1	2	Favosites alveolaris - -	Woolhope beds.	Yat Hill, Kington.
	2	1	" " - -	" -	Bog Mine, Shelve.
	3	3	Cyathophyllum and Euomphalus.	" -	" "
	4	1	Petraia subduplicata - -	" -	" "
	5	1	" bina - - -	" -	" "
	6	1	Omphyma (cast of interior?)	" -	" "
	7	1	Chætetes petropolitanus -	" -	Kington.

[1] Presented by T. Hughes, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
VI.			SECTIONS 17, 18, 19.		
Shelf. V.	8	2	Cornulites serpularius - -	Woolhope Beds.	Bog Mine, Shel
	9	3	Ischadites - - - -	„ -	Worcester Rai Malvern.
	10	1	„ Kœnigii - -	„ -	Purple Shales, B
	11	3	Pisocrinus pilula [1] - -	„ -	Colwell, Malver
	12	5	Crotalocrinus (stems) - -	„ -	Presteign, Radn
	13	1	Fenestella subantiqua - -	„ -	Bog Mine, Shel
	14	4	Orthoceras angulatum - -	„ -	Worcester Railv
	15	3	„ - - - -	„ -	Bog Mine, Shel
	16	1	„ - - - -	„ -	Little Hope, Wo
	17	1	„ conicum - -	„ -	Bog Mine, Shel
	18	1	Lituites cornu-arietes - -	„ -	„ „
	19	1	Phragmoceras contractum -	„ -	Little Hope.
VII.			SECTIONS 20, 21, 22.		
Shelf. I.	1	1	Favosites alveolaris - -	Wenlock Limestone.	Wenlock Edge.
	2	1	„ „ - -	„ -	Woolhope.
	3	1	„ „ - -	„ -	Wenlock Edge.
	4	1	„ „ growing on Euomphalus funatus.	„ -	„ „
	5	1	„ alveolaris, shewing fault.	„ -	Benthall Edge.
	6	1	„ „ - -	„ -	Yat Hill, Kingt
	7	1	„ „ - -	„ -	Woolhope.
	8	1	„ „ - -	„ -	Dudley.
	9	1	„ cristatus - -	„ -	W. of Race Walsall.
	10	1	Heliolites interstinctus -	„ -	Dudley.
	11	1	„ „ - -	„ -	Walsall.
	12	1	„ „ - -	„ -	Woolhope.
	13	1	Cyathophyllum truncatum -	„ -	Wenlock Edge.
	14	1	„ „ - -	„ -	„ „
	15	1	Halysites catenularius - -	„ -	Dudley.
	16	1	Stromatopora striatella -	„ -	„
	17	1	Favosites cristatus - -	„ -	Botvyle, Carado
	18	1	Polyzoon - - - -	„ -	Trindle, W. of I
	19	1	„ - - - -	„ -	Yat Hill, Old R
	20	1	Favosites alveolaris - -	„ -	Brand Lodge, M
	21	1	Arachnophyllum typus -	„ -	Wenlock Edge.
	22	1	Favosites alveolaris - -	„ -	W. „ „
II.	1	1	Syringopora fasicularis -	Wenlock Shale.	Trindle, Dundry
	2	1	„ „ -	„ -	Eastnor Park.
	3	1	„ - - - -	„ -	Near Ulverstone
	4	1	Stenopora fibrosa - -	„ -	Llansannan, D shire.
	5	9	Graptolithus priodon - -	„ -	Burrington, Lud

[1] Presented by Dr. Grindrod.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
VII. Shelf. II.			SECTIONS 20, 21, 22.		
	6	5	Graptolithus priodon - -	Wenlock Shale.	Bwlch-fridd, Newtown, Montgomeryshire.
	7	1	" " - -	" -	Near Builth.
	8	1	" " - -	" -	Carneddau, Builth.
	9	1	" " [1] - -	" -	Ulverstone.
	10	1	" " - -	" -	Ballinloregh, Tipperary.
	11	1	" " - -	" -	Barnan, "
	12	3	" Flemingii [2] -	" -	Balmae, Kirkcudbright.
	13	1	" [1] - - -	" -	Ulverstone.
	14	4	" - - - -	" -	Gwerddin, Llandovery.
	15	3	" - - - -	" -	Pen cerrig, Builth.
	16	1	Retiolites Geinitzianus [1] -	" -	Ulverstone.
	17	1	" " - -	" -	Radnorshire.
	18	2	" " - -	" -	"
	19	1	Ptilodictya lanceolata - -	" -	Hooton, Hasguard.
	20	1	Cladochonus - - -	" -	Helms Gill.
	21	7	Fenestella or Phyllopora -	" -	Slate Mill, Hasguard.
	22	2	Dictyonema - - - -	" -	Gwerddin, Llandovery.
	23	2	Actinocrinus pulcher - -	" -	Nantglyn, Denbighshire.
	24	1	" " - -	" -	" "
	25	8	" " (casts) -	" -	" "
	26	1	Dimerocrinus icosidactylus -	" -	Slate Mill, Hasguard.
	27	1	Rhodocrinus - - - -	" -	" "
	28	1	Protaster [3] - - - -	" -	Castell Dinas, Bran.
	29	2	Serpulites curtus - - -	" -	Collins Green, Aberley.
	30	1	" " - - -	" -	Martley, Abberley Hill.
	31	1	Orthoceras primævum - -	" -	Nantglyn, Denbighshire.
	32	1	" " - -	" -	Tyn-y-proll, Llansannan, Denbighshire.
	33	1	" angulatum - -	" -	Nantglyn, Denbighshire.
	34	1	" Maclareni - -	" -	Llanbadarn Fawn, Radnorshire.
	35	1	" dulce - - -	" -	The Belan, Welshpool.
	36	2	" " - - -	" -	River Wye, Builth.
	37	1	" " [4] - -	" -	Llanerch Goch, Mydd-fai.
	38	2	" Marloense - -	" -	Marloes Bay.
	39	1	" subundulatum -	" -	Burrington.
	40	1	" " -	" -	Oernant, Cerrig-y-druidion.
	41	1	" " -	" -	Nantglyn, Denbighshire.
	42	3	" " -	" -	Burrington, Ludlow.
	43	2	" subgregarium [5] -	" -	Kingswood, Forden.
	44	1	" " -	" -	Llanddewi-yr-trad.
	45	1	" tenuicinctum -	" -	Oernant, Cerrig-y-druidion.
	46	1	" canaliculatum [6] -	" -	Usk Tunnel.
	47	1	" - - - -	" -	Carneddau, Builth.
	48	1	Aptychus? of Orthoceras -	" -	Builth.
	49	1	Lituites articulatus - -	" -	Oernant, Cerrig-y-druidion.

[1] Presented by Jno. Bolton, Esq.
[2] " Sir R. I. Murchison.
[3] " J. Proud, Esq.
[4] " T. Hughes, Esq.
[5] " Rev. J. Cumming.
[6] " W. Nichol, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Loca
VII.			SECTIONS, 20, 21, 22.		
Shelf. II.	50	3	Phragmoceras nautileum -	Wenlock Shale.	Craig-y-Ga
	51	1	„ pyriforme -	„ -	Five Lanes,
	52	2	Cyrtoceras [1] - - - -	„ -	Usk Tunne
	53	2	„ compressum [1] -	„ -	Garecoed,
III.	1	1	Cænites juniperinus - -	Wenlock Limestone.	Wenlock E
	2	7	„ „ - -	„ -	Iron Bridge Dale.
	3	1	„ „ - -	„ -	Dudley.
	4	6	„ „ - -	„ -	Falfield, To
	5	2	„ intertextus - -	„ -	No. 1,
					„ 2, Lind
	6	1	„ „ - -	„	Wenlock E
	7	4	„ „ - -	„ -	Dudley.
	8	1	„ „ - -	„ -	Iron Bridge Dale.
	9	1	„ „ - -	„ -	Dudley.
	10	1	„ - - - -	„ -	„
	11	5	Palæocyclus porpita - -	„ -	„
	12	4	„ præacutus -	„ -	Marloes Ba brokeshir
	13	3	„ „ -	„ -	„
	14	7	„ „ -	„ -	„
	15	4	Heliolites tubulatus [2] - -	„ -	Malvern Hi
	16	1	„ „ - -	„ -	Rock Farm
	17	2	„ „ - -	„ -	Malvern Hi
	18	1	„ „ - -	„ -	Netherton.
	19	1	„ „ - -	„ -	Dudley.
				„ -	Malvern.
	20	4	„ interstinctus - -	„ -	E. of Cotw
	21	2	„ „ - -	„ -	Rock Farm
	22	2	„ „ - -	„ -	Red House
	23	2	„ „ - -	„ -	No. 1, Wal
					„ 2, Dud
	24	1	„ „ - -	„ -	Dudley.
	25	1	„ megastoma [2] - -	„ -	Malvern H
	26	1	„ „ - -	„ -	Usk.
	27	1	„ „ [2] - -	„ -	Malvern Hi
	28	3	„ patelliformis -	„ -	Walsall.
	29	2	„ „ - -	„ -	„ (
	30	4	Alveolites seriatoporoides -	„ -	Dormingto
	31	1	„ „ -	„ -	Wenlock E
	32	1	„ Labechei - -	„ -	Benthall E
	33	1	„ „ - -	„ -	Netherton.
	34	3	„ „ - -	„ -	Wenlock E
	35	2	„ „ - -	„ -	Dormingto
	36	1	„ „ - -	„ -	„
	37	1	„ „ - -	„ -	Dudley.

[1] Presented by W. Nichol, Esq. [2] Presented by — Bright,

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
VII. Shelf. III.			SECTIONS 20, 21, 22.		
	38	2	Alveolites repens - - -	Wenlock Limestone.	Benthall Edge.
	39	1	" " - -	" -	Dormington Wood.
	40	1	" " - -	" -	" "
	41	1	" Grayi - - -	" -	May Hill.
	42	1	" - - - -	" -	Wenlock Edge.
	43	4	Chætetes petropolitanus -	" -	Buildwas, Shropshire.
	44	8	" " -	" -	Falfield, Tortworth.
	45	2	" Fletcheri - -	" -	Malvern Hills.
	46	1	" Bowerbanki - -	" -	Ridge Hill Farm.
	47	4	" pulchellus - -	" -	Rock Farm, May Hill.
	48	8	" - - - -	" -	Buildwas, Shropshire.
	49	1	" - - - -	" -	Dudley.
	50	1	" and Cænites - -	" -	"
	51	2	" pulchellus - -	" -	Dormington Wood.
	52	1	Nebulipora papillata - -	" -	Dudley.
	53	1	" - - - -	" -	"
	54	1	" - - - -	" -	"
	55	1	Favosites Hisingeri - -	" -	Wenlock Edge and Eastnor Park.
	56	1	" " - -	" -	Whitfield, Tortworth.
	57	1	" " - -	" -	Eastnor Park.
	58	2	" Gothlandicus - -	" -	E. of Canwood.
	59	1	" " - -	" -	Malverns.
	60	1	" " - -	" -	Dowlas Farm.
	61	2	" alveolaris - -	" -	The Rock, May Hill.
	62	2	" " - -	" -	Wenlock Edge.
	63	1	" " - -	" -	Hurst Hill, Sedgley.
	64	2	" " - -	" -	Dormington Wood.
	65	1	" " - -	" -	Affcot Farm, Church Stretton.
	66	4	" " - -	" -	No. 1, Dormington Wood. " 2, E. of Upper Hall. " 3, Walms Wall.
	67	2	" " - -	" -	Wenlock Edge.
	68	1	" " - -	" -	" "
	69	1	" " - -	" -	The Wych, Malvern.
	70	1	" " - -	" -	Malverns.
	71	1	" - - - -	" -	Pen-y-llan, Cardiff.
	72	7	" cristatus - - -	" -	Dormington Wood.
	73	1	" " - - -	" -	" "
	74	3	" " - - -	" -	Wenlock Edge.
	75	1	" " - - -	" -	Benthall Edge.
	76	1	" - - -	" -	Wenlock Edge.
	77	1	" - - -	" -	Rock Farm, May Hill.
	78	1	" - - -	" -	Wenlock Edge.
	79	3	" fibrosus - - -	" -	Dudley.
	80	4	" oculatus - - -	" -	Dormington Wood.
IV.	1	1	Halysites catenularius - -	" -	Brand Lodge, Malverns.
	2	2	" " - -	" -	Wenlock Edge.
	3	2	" " - -	" -	Ledbury.
	4	4	Stenopora fibrosa - - -	" -	Linsway Bay.
	5	1	" " - - -	" -	Marloes Bay, E.

Case.	Tablet.	Specimen.	Name.	Formation.	Loca
			SECTIONS 20, 21, 22.		
VII. Shelf. IV.	6	1	Stenopora fibrosa - - -	Wenlock Limestone.	Marloes Ba
	7	1	" " - - -	" -	Brand Lodg
	8	1	" " - - -	" -	Trindle, Du
	9	1	" " - - -	" -	Dormingto
	10	2	" " - - -	" -	Clinchers M
	11	2	Syringopora fascicularis -	" -	Wenlock E
	12	1	" " - -	" -	Malvern.
	13	1	" " - -	" -	Dudley.
	14	1	" " - -	" -	Hereford F vern.
	15	2	" bifurcata - -	" -	Wenlock E
	16	1	" serpens, &c. -	" -	Rock Farm
	17	1	" " - -	" -	Dormingto
	18	2	" tubæformis -	" -	"
	19	2	" conglomerata -	" -	"
	20	1	Thecia Swindernana [1] - -	" -	Brand Lodg
	21	4	" " - -	" -	Dormingto
	22	1	" " - -	" -	Hurst, ne Dudley.
	23	1	" " - -	" -	Stoke Editl
	24	1	" " - -	" -	Dormingto
	25	1	" " - -	" -	Wenlock E
	26	1	" " - -	" -	"
	27	4	" expatiata - - -	" -	Dormingto
	28	1	Aulacophyllum mitratum -	" -	"
	29	1	Cystiphyllum cylindricum -	" -	Crews Hill
	30	1	" " -	" -	No. 1, Wal " 2, E. o
	31	4	" Siluriense -	" -	Dormingto
	32	1	Acervularia ananas - -	" -	Dudley.
	33		" " - -	" -	"
	34	1	" " - -	" -	Benthall, Dale.
	35	2	" " - -	" -	No. 1, " 2, Hur
	36	1	" " [2] - -	" -	May Hill.
	37	1	" " - -	" -	Wenlock E
	38	2	" " - -	" -	"
	39	2	" " - -	" -	"
	40	1	Arachnophyllum typus -	" -	"
	41	2	" " - -	" -	Dormingto
	42	2	" " - -	" -	"
	43	1	" " - -	" -	Benthall E
	44	9	" diffluens -	" -	Longhope,
	45	3	Cyathophyllum truncatum -	" -	Wenlock E
	46	16	" " -	" -	Longhope,
	47	5	" " -	" -	Hobbs, Lo
	48	1	" " -	" -	Rock Farm
	49	1	" angustum -	" -	Wenlock E
	50	1	" " -	" -	Stoke Edit

[1] Presented by — Bright, Esq. [2] Presented by Professor Ter

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
VII. Shelf.			SECTIONS 20, 21, 22.		
IV.	51	1	Cyathophyllum Murchisoni -	Wenlock Limestone.	Pen-y-llan, nr. Cardiff.
	52	7	" - - -	" -	Falfield, Tortworth.
	53	2	" - - -		Whitfield, "
	54	2	" articulatum -	" -	Dormington Wood.
	55	8	" " -	" -	" "
	56	1	" " -	" -	" "
	57	3	" " -	" -	Wenlock Edge.
	58	1	" - - -	" -	
	59	4	Omphyma turbinatum - -	" -	Wenlock Edge.
	60	2	" " - -	" -	Brand Lodge, Malvern.
	61	1	" " - -	" -	" "
	62	1	" " - -	" -	Lime Works, Walsall.
	63	2	" " - -	" -	E. of Ledbury.
	64	3	" " - -	" -	Ginity Graves, Walsall.
	65	2	" " - -	" -	Wenlock Edge.
	66	2	" " - -	" -	" "
	67	1	" Murchisoni [1] -	" -	Wenlock Edge and Dudley.
	68	5	Petraia bina - - - -	" -	Marloes Mill, Pembrokeshire.
	69	2	" " - - -	" -	" "
	70	1	" " [2] - - -	" -	Pen-y-llan, Cardiff.
	71	2	" - - - -	" -	Marloes Bay, Pembrokeshire.
	72	4	" - - - -	" -	Whitfield, Tortworth.
	73	3	" - - - -	" -	" "
	74	3	Ptychophyllum patellatum -	" -	Dormington Wood.
	75	1	" " -	" -	Ledbury.
	76	1	Fistulipora decipiens - -	" -	May Hill.
	77	1	" " [3] - -	" -	Wenlock Edge.
	78	4	Labechea conferta - -	" -	Wenlock Edge, and Iron Bridge.
	79	1	" " - -	" -	Trindle, Dudley.
	80	1	Stromatopora striatella -	" -	Dudley.
	81	2	" " [4] -	" -	Brand Lodge, Malvern.
	82	1	" " - -	" -	Longhope, May Hill.
	83	2	" " - -	" -	Wenlock Edge.
	84	1	Ischadites - - - -	" -	Dudley.
	85	1	" - - - -	" -	"
	86	1	" - - - -	" -	"
V.	1	1	Cyathocrinus arthriticus -	" -	"
	2	1	" quinquangularis	" -	"
	3	3	" goniodactylus -	" -	"
	4	1	" planus - -	" -	"
	5	1	" capillaris - -	" -	"
	6	1	" " - -	" -	"
	7	1	" tesseracontadactylus.	" -	"
				" -	"
	8	1	" - - -	" -	"

[1] Presented by J. Mushen, Esq. [2] Presented by Rev. Norman Glass.
[3] " R. Lightbody, Esq. [4] " — Bright, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
VII. Shelf. V.			SECTIONS 20, 21, 22.		
	9	1	Cyathocrinus tuberculatus -	Wenlock Limestone.	Dudley.
	10	1	,, - - - - -	,, -	,,
	11	1	,, - - - - -	,, -	,,
	12	1	,, - - - -	,, -	,,
	13	1	,, - - - -	,, -	,,
	14	1	Crotalocrinus rugosus - -	,, -	,,
	15	4	,, ,, - -	,, -	Gleeddon Hill.
	16	3	,, ,, - - -	,, -	Dudley.
	17	2	,, ,, - -	,, -	Wenlock Edge.
	18	2	Cheirocrinus serialis - - -	,, -	Dudley.
	19	4	Glyptocrinus expansus - -	,, -	,,
	20	2	,, ,, - -	,, -	,,
	21	1	,, ,, [1] - -	,, -	,,
	22	5	,, - - -	,, -	,,
	23	1	,, - - -	,, -	,,
	24	1	Ichthyocrinus pyriformis -	,, -	,,
	25	1	,, ,, -	,, -	,,
	26	1	,, ,, -	,, -	,,
	27	1	Taxocrinus - - - -	,, -	,,
	28	1	,, tesseracontadactylus	,, -	,,
	29	1	,, - - - - -	,, -	,,
	30	3	,, simplex - - -	,, -	,,
	31	1	,, tuberculatus - -	,, -	,,
	32	1	,, [1] - - - -	,, -	,,
	33	1	,, - - - - -	,, -	,,
	34	2	Dimerocrinus icosidactylus -	,, -	,,
	35	2	,, ,, -	,, -	,,
	36	1	,, simplex - -	,, -	,,
	37	5	Hypanthocrinus decorus - -	,, -	,,
	38	1	,, ,, - -	,, -	,,
	39	2	Eugeniacrinites laciniatus -	,, -	,,
	40	1	Enallocrinus scriptus - -	,, -	,,
	41	1	Actinocrinus retiarus - -	,, -	,,
	42	1	,, ,, - -	,, -	,,
	43	1	,, simplex - -	,, -	,,
	44	1	Marsupiocrinus cælatus -	,, -	,,
	45	3	,, ,, - -	,, -	,,
	46	1	,, ,, - -	,, -	,,
	47	1	,, ,, -	,, -	,,
	48	1	,, ,, -	,, -	,,
	49	2	Periechocrinus moniliformis	,, -	,,
	50	1	,, ,, -	,, -	,,
	51	3	,, ,, -	,, -	,,
	52	3	,, pinnatus -	,, -	,,
	53	1	,, - - -	,, -	,,
	54	5	Pisocrinus - - - -	,, -	,,
	55	1	Apiocystites pentremitoides -	,, -	,,
	56	2	Pseudocrinites bifasciatus -	,, -	,,
	57	1	,, quadrifasciatus	,, -	,,
	58	1	,, ,, - -	,, -	,,

[1] Presented by S. Blackwell, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
VII. Shelf.			SECTIONS 20, 21, 22.		
V.	59	1	Pseudocrinites magnificus -	Wenlock Limestone.	Dudley.
	60	2	Echinoencrinites baccatus -	" -	Dudley and Walsall.
	61	4	" armatus -	" -	Walsall.
	62	1	" " -	" -	Malvern.
	63	3	" [1] - -	" -	Pen-y-llan, Cardiff.
VI.	1	1	Cornulites serpularius - -	" -	Ledbury.
	2	2	" " - -	" -	Callow Farm, Martley.
	3	1	" " - -	" -	Dudley.
	4	1	" " - -	" -	Ledbury.
	5	1	Tentaculites ornatus - -	" -	Dudley.
	6	3	" " - -	" -	"
	7	1	" n. sp. - -	" -	E. of Canwood, Woolhope.
	8	1	" " - -	" -	Wenlock Edge.
	9	2	Serpulites perversus - -	" -	Whitfield, Tortworth.
	10		Spirorbis Lewisii - - -	" -	Dormington Wood.
	11	3	Fenestella subantiqua - -	" -	
	12	1	" " - -	" -	Rock Farm, Longhope.
	13	3	" 1, reticulata -	" -	Dormington Wood.
			2, Milleri -	" -	" "
	14	1	" rigidula - -	" -	Dudley.
	15	1	" " - -	" -	"
	16	1	" Milleri - - -	" -	"
	17	1	" prisca - - -	" -	"
	18	1	" [2] - - -	" -	"
	19	1	" - - -	" -	"
	20	1	" Lonsdalei - -	" -	Dormington Wood.
	21	1	" " - -	" -	Nr. Dudley.
	22	1	" - - - -	" -	Callow Farm, Martley.
	23	1	" assimilis - -	" -	Dudley.
	24	1	Polyzoon - - - -	" -	Wenlock Edge.
	25	3	Ptilodictya lanceolata - -	" -	Malverns.
	26	1	" " - -	" -	"
	27	1	" " - -	" -	Longhope, May Hill.
	28	1	" scalpellum - -	" -	Callow Farm, Martley.
	29	3	" " - -	" -	Linsway Bay, Pembrokeshire.
	30	1	" - -	" -	Dudley.
	31	1	Glauconome disticha - -	" -	"
	32	1	Polypora crassa - - -	" -	"
	33	1	Diastopora - - - -	" -	Rock Farm, May Hill.
	34	1	" consimilis - -	" -	
	35	1	Lituites articulatus - -	" -	Wenlock Edge.
	36	1	" giganteus - -	" -	" "
	37	1	" tortuosus [3] - -	" -	Dudley.
	38	4	Orthoceras annulatum - -	" -	Malverns.
	39	3	" " - -	" -	No. 1, Malverns. " 2, Littlehope.

[1] Presented by the Rev. Norman Glass. [2] Presented by W. J. Beckett, Esq.
[3] Presented by Professor T. R. Jones.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
VII. Shelf. VI.			SECTIONS 20, 21, 22.		
	40	1	Orthoceras annulatum - -	Wenlock Limestone.	Wenlock Edge.
	41	2	" " - -	" -	Malvern.
	42	1	" " - -	" -	Hag Head.
	43	1	" " - -	" -	Hurst Hill, Sedgley.
	44	1	" Ludense - -	" -	Malverns.
	45	2	" angulatum - -	" -	Dormington Wood.
	46	1	" - -	" -	Pyrton Passage, Tortworth.
	47	1	" [1] - -	" -	Pen-y-Llan, Cardiff.
	48	1	" distans - -	" -	Malverns.
	49	1	" mocktreense -	" -	Gorstley, near Newent.
	50	1	Phragmoceras ventricosum [1] -	" -	Pen-y-Llan, Cardiff.
	51	1	" " [2] -	" -	Ledbury.
	52	3	" n. sp. -	" -	"
	53	6	" [3] -	" -	Malverns.
	54	5	Ormoceras Brightii [3] - -	" -	"
	55	2	" " - -	" -	"
VIII Shelf. I.			SECTION 23.		
	1	1	Fine slab of Dudley Limestone, containing numerous Fossils, but chiefly Periechocrinus moniliformis.	Wenlock (Miscellaneous).	Dudley.
	2	1	Ditto ditto, containing—Halysites catenularius, Favosites cristatus, Alveolites repens, Atrypa, Rhynchonella, Retzia, Avicula, Orthis, &c.	" -	"
	3	1	Ditto ditto, containing—Cænites juniperinus. Chætetes Fletcheri, Dimerocrinus icosidactylus, Pentamerus falcatus, Atrypa reticularis.	" -	"
	4	1	Periechocrinus moniliformis	" -	"
	5	1	Heliolites interstinctus on Orthoceras annulatum.	" -	Hay Head, Walsall.
	6		Calymene Blumenbachii -	" -	Dudley.
	7		Nebulipora Fletcheri, Alveolites repens, Rhynchonella Lewisii, Calymene Blumenbachii.	" -	"
	8	1	Avicula, Strophomena depressa, S. funiculata, Chætetes, Nebulipora, Tentaculites, &c.	" -	"
II.	1	1	Slab containing—Taxocrinus, Marsupiocrinus, Glyptocrinus, Acervularia, Chætetes, &c.	Wenlock Limestone.	"

[1] Presented by the Rev. Norman Glass. [2] Presented by the Rev. F. Dyson.
[3] Presented by — Bright, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
			SECTION 23.		
VIII Shelf. II.	2	1	Slab containing — Pseudocrinites quadrifasciatus, Heliolites Grayii ?, Chætetes pulchellus, C. Bowerbankii, Nebulipora papillata, Syringopora bifurcata, Fenestella subantiqua.	Wenlock Limestone.	Dudley.
	3	18	Casts of Cystideans [1] - -	" -	"
	4	1	Periechocrinus moniliformis	" -	"
III.	1	1	Pseudocrinites quadrifasciatus.	" -	"
			SECTION 24.		
VIII. A Shelf. I.	1	1	Actinocrinus pulcher - -	Wenlock -	Nantglyn, Denbigh.
	2	1	" " - -	" -	" "
	3	1	" " - -	" -	" "
	4	1	" " - -	" -	Denbighshire.
			SECTIONS 25, 26, 27.		
IX. Shelf. I.	1	1	Orthoceras bullatum - -	Lower Ludlow.	Near Glasbury, Brecknockshire.
	2	1	" " - -	" -	Frith Quarry, Stapleton, Presteign.
	3	1	" filosum - -	" -	Leintwardine.
	4	1	" " - -	" -	"
	5	1	" " - -	" -	"
	6	1	" Ludense - -	" -	"
	7	1	" " - -	" -	"
	8	1	Protaster leptosoma - -	" -	"
	9	1	Theca Forbesii, Orthoceras bullatum.	Upper Ludlow.	Kington, Hereford.
	10	1	Orthoceras perelegans - " bullatum - Alveolites fibrosus - -	" -	Batshot, S. of Ludlow.
	11	1	Orthis lunata - - - Chonetes lata - - - Rhynchonella nucula -	" -	Frith Quarry, Stapleton, Presteign.
	12	1	Orthoceras bullatum - Cucullella, Holopella, &c.	" -	Trichneg, Llandeilo.
	13	1	Avicula Danbyi - - -	" -	Kendal, Westmoreland.
	14	1	Heterocrinus (?) [2] - - -	" -	Whitcliff, Ludlow.
	15	1	Modiola and Tentaculites -	" -	2 m. S. of Llandeilo.
	16	1	Rhynchonella navicula -	" -	Pyrton Passage.
	17	1	Modiolopsis - - - -	" -	Storm Hill Lodge, Llandeilo.
	18	1	Serpulites longissimus -	" -	Presteign.

[1] Presented by J. Mushen, Esq. [2] Presented by R. Lightbody, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
IX.			SECTIONS 25, 26, 27.		
Shelf. I.	19	1	Orthoceras Ibex, covered with Monticulipora papillata -	Upper Ludlow.	Brigsteer.
	20	1	Nebulipora - - - -	" -	Croagh Mulim Doonquin, Dingle.
II.	1	2	Fucoids - - - -	Lower Ludlow.	Church Hill, Leintwardine.
	2	2	" - - - -	" -	Leintwardine.
	3	1	" - - - -	" -	Clogher Head.
	4	1	" - - - -	" -	" "
	5	1	Spongarium - - - -	" -	Church Hill, Leintwardine.
	6	1	" attached to Cucullella. [1]	" -	Mocktree.
	7	1	Heliolites - - - -	" -	Bow Bridge.
	8	1	" - - - -	" -	Doonquin, Dingle.
	9	3	Chætetes petropolitanus -	" -	Whitecliffe, Ludlow.
	10	1	Nebulipora papillata [2] - -	" -	Ludlow.
	11	1	" [2] - - - -	" -	Quarry, nr. Stokewood.
	12	1	" [2] - - - -	" -	" "
	13	1	Favosites - - - -	" -	Pyrton Passage.
	14	1	" cristatus - -	" -	Coosmore, Clogher Head.
	15	1	" alveolaris - -	" -	Pyrton Passage.
	16	1	Cyathophyllum - -	" -	Vinnal Hill, Ludlow.
	17	1	Taxocrinus Orbignyi - -	" -	Underbarrow, Kendal.
	18	1	Platycrinus - - - -	" -	Leintwardine.
	19	1	" - - - -	" -	Ludlow.
	20	3	New genus of Crinoids -	" -	Leintwardine.
	21	2	" " - -	" -	Golden Grove, Llandeilo.
	22	2	Pseudocrinites quadrifasciatus.	" -	Marloes Bay, Cave H.
	23	1	Protaster Miltoni - - -	" -	Leintwardine.
	24	2	" " - - -	" -	"
	25	1	" " - - -	" -	"
	26	2	" " - - -	" -	"
	27	1	" " - - -	" -	" Church Hill.
	28	1	" " [1] - -	" -	"
	29	1	" leptosoma - -	" -	"
	30	1	" " - -	" -	"
	31	1	" " - -	" -	"
	32	1	" " [1] - -	" -	"
	33	2	" - - - -	" -	"
	34	2	" Sedgwicki - -	" -	Underbarrow (Westmoreland).
	35	1	Protaster [2] - - - -	" -	Leintwardine.
	36	1	Palæocoma (Bdellacoma) vermiformis. [2]	" -	"
	37	1	" " -	" -	"
	38	1	" " -	" -	Mocktree.
	39	2	" Marstoni - -	" -	Leintwardine.
	40	1	" " - -	" -	"
	41	1	" " - -	" -	"

[1] Presented by A. Marston, Esq. [2] Presented by R. Lightbody, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
IX.			SECTIONS 25, 26, 27.		
Shelf. II.	42	1	Palæocoma Marstoni [1] - -	Lower Ludlow.	Leintwardine.
	43	1	" " [2] -	" -	"
	44	1	" " - -	" -	"
	45	1	" pyrotechnica [2] -	" -	"
	46	1	" " [2] -	" -	"
	47	2	" Colvini - -	" -	"
	48	5	Palasterina primæva - - -	" -	Underbarrow, Kendal.
	49	3	Palæaster hirudo - - -	" -	" "
	50	1	Sphæraster Pomum - - -	" -	Leintwardine.
	51	1	" " [3] - - -	" -	"
	52	1	Palæodiscus ferox - - -	" -	"
III.	1	1	Serpulites longissimus - - -	" -	Leintwardine.
	2	1	Spirorbis - - - -	" -	Underbarrow, Kendal.
	3	4	Graptolithus priodon - -	" -	Vinnal Hill, Ludlow.
	4	1	" " - -	" -	Cefn Erthen, Llandovery.
	5	2	" colonus - -	" -	Vinnal Hill, W. Side.
	6	1	" n. sp. [4] - -	" -	Llanerch Coch, Myddfau Mountain.
	7	3	Dendrograpsus [2] - - - -	" -	Bow Bridge.
	8	1	" [2] - - -	" -	" "
	9	1	(Polyzoon) [5] - - -	" -	Church Hill.
	10	1	" [2] - - - -	" -	Bow Bridge.
	11	1	" (inocaulis) [2] -	" -	" "
	12	1	" - - - -	" -	Leintwardine.
	13	2	Graptotheca - - - -	" -	"
	14	1	" - - -	" -	"
	15	1	Orthoceras bullatum - -	" -	"
	16	3	" subundulatum -	" -	Vinnal Hill, Ludlow.
	17	2	" - - - - -	" -	Church Hill, Leintwardine.
	18	2	" annulatum [4] -	" -	Half-way House, Newcastle.
	19	1	" " - -	" -	Ledbury.
	20	2	" dulce - - -	" -	Vinnal Hill, Ludlow
	21	1	" " - - -	" -	Downton, Ludlow.
	22	1	" excentricum -	" -	Leintwardine.
	23	1	" - - - -	" -	"
	24	2	" Ludense - -	" -	"
	25	1	" " - -	" -	"
	26	2	" dimidiatum - -	" -	Danefield, Kington.
	27	3	" subgregarium -	" -	Near Presteign.
	28	2	Lituites giganteus - -	" -	Leintwardine.
	29	2	" " - -	" -	"
	30	1	" " - -	" -	Mocktree, Shropshire.
	31	1	" (Holtianus) - -	" -	Stoke Wood, Stokesay.
	32	1	" articulatus - -	" -	Vinnal Hill, Ludlow.
	33	4	Phragmoceras pyriforme -	" -	Leintwardine.

[1] Presented by C. R. Bayley, Esq. [2] Presented by A. Marston, Esq.
[3] " J. W. Salter, Esq. [4] " T. M'K. Hughes, Esq.
[5] Presented by R. Lightbody, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
IX. Shelf.			SECTIONS 25, 26, 27.		
III.	34	2	Phragmoceras pyriforme -	Lower Ludlow.	Leintwardine.
	35	1	" compressum -	" -	"
	36	1	" - - -	" -	Presteign.
	37	1	" - - -	" -	Ledbury.
	38	2	Trigonellites Davisii - -	" -	Dolly Bridge, Presteign.
IV.	1	1	Chondrites - - - -	Aymestry Limestone.	Mocktree.
	2	5	Heliolites interstinctus - -	" -	Bodenham, Woolhope.
	3	1	Favosites alveolaris - -	" -	Mocktree.
	4	2	Alveolites - - - -	" -	Shucknall Hill, Woolhope.
	5	6	Petraia bina - - - -	" -	Rilbury Camp, Malverns.
	6	1	Tetragonis - - - -	" -	Mocktree.
	7	2	Ptilodictya lanceolata - -	" -	Bodenham, Woolhope.
	8	1	Orthoceras angulatum - -	" -	Llanbaddock, Usk.
	9	1	" " - -	" -	" "
	10	1	" Mocktreense -	" -	Bodenham, Woolhope.
V.	1	1	Fucoids [1] - - - -	Upper Ludlow.	Whitcliffe, Ludlow.
	2	1	Spongarium Edwardsii [1] -	" -	Conduit Quarry, Ludlow.
	3	1	" " - -	" -	Frith Quarry, Presteign.
	4	1	" " - -	" -	Kington, Hereford.
	5	2	" interruptum -	" -	Kendal, Westmoreland.
	6	3	" interlineatum -	" -	" "
	7	2	" equistriatum -	" -	" "
	8	3	Wood - - - - -	" -	May Hill.
	9	1	Ischadites Kœnigii - -	" -	Ludlow.
	10	1	Sponge ? - - - -	" -	Kendal, Westmoreland.
	11	2	Chætetes Fletcheri - -	" -	Whitcastle, Ludlow.
	12	3	Nebulipora papillata - -	" -	No. 1, Knighton. " 2, Henllyn Hill. " 3, Presteign.
	13	1	" " -	" -	Underbarrow, Kendal.
	14	1	" - - - -	" -	Near Ludlow.
	15	1	Stenopora fibrosa - - -	" -	Shucknell Farm, Woolhope.
	16	3	" " var. incrustans	" -	No. 1, Ankerdive Hill. " 2, Usk.
	17	1	Syringopora serpens - -	" -	Henllyn Hill, Builth.
	18	1	Petraia - - - - -	" -	North Esk Reservoir, Pentlands.
	19	1	Actinophyllum radiatum -	" -	Parlan, Stoke Edith.
	20	5	Cophinus dubius - - -	" -	Ludford Park.
	21	2	Tetragonis Danbyi - -	" -	Brigsteer.
	22	1	Palæaster primævus - -	" -	High Thoms, Kendal.
	23	3	Annèlide burrows - - -	" -	Llanfrechfa, Usk.
	24	1	" " - - -	" -	Hale End, Malvern.
	25	2	" " [2] - -	" -	Ludford.

[1] Presented by R. Lightbody, Esq. [2] Presented by Sir R. I. Murchison.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
IX. Shelf.			SECTIONS 25, 26, 27.		
V.	26	4	Cornulites serpularius - -	Upper Ludlow.	Llanfrechfa, Usk.
	27	1	Serpulites longissimus - -	" -	Frith Farm, Malvern Hills.
	28	2	" " - -	" -	Cefn Einion, near Bishops Castle.
	29	1	" dispar - - -	" -	Kendal, Westmoreland.
	30	1	" " - - -	" -	" "
	31	3	Trachyderma squamosa -	" -	Gorstley, Woolhope.
	32	1	" " -	" -	Croagh Mashin Mountain.
	33	1	" " [1] -	" -	Railroad Station, Usk.
	34	4	" coriacea - -	" -	Hill Side Farm, Aberley.
	35	1	" " - -	" -	" " "
	36	1	" " - -	" -	Neen Sollers, Cleobury.
	37	1	Tentaculites tenuis - -	" -	Shucknell Farm, Woolhope.
	38	2	" ornatus - -	" -	S. of Dafaddfa Uchaf, Llandeilo.
VI.	1	1	Lituites giganteus [1] (cast) -	" -	Malvern.
	2	7	Orthoceras bullatum - -	" -	Frith Farm, Ledbury.
	3	7	" " - -	" -	S. of Hazle, Woolhope.
	4	3	" " - -	" -	Coomb Hill, Colwall, Ledbury.
	5	6	" " - -	" -	No. 1. Parlan. " 2, Bishops Castle. " 3, Presteign.
	6	5	" " - -	" -	Llanfrechfa, Usk.
	7	1	" " - -	" -	Llancayo Camp, Usk.
	8	2	" " - -	" -	Kendal, Westmoreland.
	9	1	" " - -	" -	Radnor.
	10	1	" " - -	" -	Whitecliff.
	11	3	" Ludense [2] - -	" -	Benson Knot, Kendal.
	12	1	" " - -	" -	Presteign.
	13	1	" ibex - -	" -	Coygon, Builth.
	14	2	" " - - -	" -	Usk.
	15	1	" " - - -	" -	Henlyn Hill, Builth.
	16	2	" " - - -	" -	Kendal, Westmoreland.
	17	6	" perelegans - -	" -	Frith Farm, Malverns.
	18	2	" " - -	" -	Usk Castle.
	19	6	" angulatum - -	" -	N.E. of Pillard's Farm.
	20	1	" " - -	" -	Cock's Hill, Woolhope.
	21	1	" " - -	" -	Malthon Lodge, Malverns.
	22	4	" subundulatum -	" -	" "
	23	5	" Maclareni - -	" -	Pentland Hills, North Esk Reservoir.

[1] Presented by Prof. Nicholl. [2] Presented by Dr. Grindrod.
[3] Presented by J. D. C. Sowerby, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
IX. Shelf. VI.			SECTIONS 25, 26, 27.		
	24	1	Orthoceras Maclareni - -	Upper Ludlow.	Pentland Hills, North Esk Reservoir (Carlops, Peebles).
	25	1	" imbricatum -	" -	Turner's Hill.
	26	1	" torquatum - -	" -	Helme Foot.
	27	2	" tracheale - -	" -	Llandovery, Gadoc.
	28	1	" " - -	" -	Horeb Chapel, Llandovery.
	29	5	" textile - - -	" -	Freshwater E., S. side.
	30	1	" - - - -	" -	Presteign.
	31	2	" tenuicinctum -	" -	Blaenau, Builth.
	32	2	" semipartitum -	" -	Llanfrechfa, Usk.
	33	1	" - - - -	" -	Deerhope, Pentlands.
	34		" baculiforme [1] -	" -	Hay Fell, Benson Knot.
	35	1	Ascoceras Barrandii - -	" -	Stansbatch, Herefordshire.
	36	1	Cyrtoceras compressum -	" -	Ludlow.
	37	1	" - - - -	" -	Shucknell Farm, Woolhope.
	38	1	" - - - -	" -	Near Presteign.
	39	1	Phragmoceras nautileum -	" -	Upper Headlands, Bishop's Castle.
	40	1	" - - -	" -	North Esk Reservoir, Pentland Hills.
	41	1	" - - -	" -	Near Presteign.
	42	7	Serpulites longissimus - -	Upper Ludlow, Bone Bed.	Pyrton Passage.
	43	1	Encrinites and Annelide tubes [2]	" -	Hagley Park.
	44	3	Orthoceras subgregarium -	" -	Newton Lane, Kington.
	45	1	" tracheale - -	" -	" "
	46	4	Pachysporangium - -	Downton Sandstone.	Parlan, Stoke Edith.
	47	1	" pilula -	" -	Tin Mills, Downton.
	48	1	" [3] - -	" -	Stoke Edith.
	49	1	Lycopodiaceous seeds - -	" -	Shucknall, Woolhope.
	50	1	" " - -	" -	" "
	51	1	" " - -	" -	Tin Mills, Downton.
	52	4	Carbonaceous fragments -	" -	Woolhope.
	53	1	Plants - - - - - -	" -	Parlan, Stoke Edith.
	54	3	" - - - - - -	" -	" "
	55	2	" - - - - - -	" -	" "
	56	1	" - - - - - -	" -	Kington, Herefordshire.
	57	1	" - - - - -	" -	Norton, Onibury.
	58	1	Carbonaceous fragments -	Passage Beds.	Welsh Court, No. 1, Woolhope.
	59	1	Actinophyllum plicatum -	" -	Ludlow Railway.
	60	1	Cornulites serpularius - -	" -	S. of Dafaddfa Uchaf, Llandielo.

[1] Presented by — Ruthven, Esq. [2] Presented by Sir R. I. Murchison.
[3] Presented by R. Lightbody, Esq.

LOWER GALLERY.

PALÆOZOIC DIVISION.

C.—OLDER PALÆOZOIC VERTEBRATA AND CRUSTACEA.

(Wall Cases X, X A.)

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
X. Shelf. I.			SECTIONS 28, 29.		
	1	1	Pterygotus anglicus (cast) -	Lower Devonian.	Tealing, Forfarshire.
	2	1	" " [1] - -	" -	Leysmill, Arbroath.
	3	1	" arcuatus - -	Lower Ludlow.	Church Hill.
	4	4	Dictyocaris Ramsayi - -	" -	North Esk Reservoir, Pentland Hills.
	5	6	" Slimoni - -	Upper Ludlow.	Lesmahago.
	6	1	" " - -	" -	" (Logan Water).
	7	1	Ceratiocaris inornatus - -	" -	Benson Knot, Kendal.
	8	1	" " - -	" -	" "
	9	1	" cassia [2] - -	Lower Ludlow.	Trippleton.
	10	1	" solenoides - -	Upper Ludlow.	Benson Knot, Kendal.
	11	2	" (tail) - -	" -	" "
	12	1	" perornatus - -	" -	" "
	13	2	" robustus - -	Lower Ludlow.	Leintwardine.
	14	1	" gigas - -	" -	Danefield, Kington.
	15	1	" Murchisoni -	Upper Ludlow.	Combe Wood, Presteign.
	16	1	" leptodactylus [3] -	Lower Ludlow.	Bow Bridge, Ludlow.
	17	1	" " [3] -	" -	Leintwardine.
	18	1	" " [3] -	" -	"
	19	1	" " -	" -	"
	20	1	" " -	" -	" (Church Hill).
	21	1	" vesica [4] - -	" -	"
II.	1	1	Ceratiocaris papilio - -	Lower Ludlow.	Logan Water, Lesmahago.
	2	1	" " - -	" -	" "
	3	1	" " - -	" -	" "
	4	1	" " - -	" -	" "
	5	1	" stygius - -	" -	" "
	6	1	" " - -	" -	" "

[1] Presented by Lindsay Carnegie, Esq.
[2] Presented by R. Lightbody, Esq.
[3] " A. Marston, Esq.
[4] " Charles Bayley, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
			SECTIONS 28, 29.		
X. Shelf. II.	7	1	Ceratiocaris stygius	Lower Ludlow.	Logan Water, Lesmahago.
	8	1	" "	"	" "
	9	1	" "	"	" "
	10	1	" "	"	Blaebury Burn, Lesmahago.
	11	1	Limuloides optatus	"	Leintwardine.
	12	2	" speratus	"	"
	13	1	" tuberculatus [1]	Upper Ludlow.	Near Ludlow.
	14	1	" [2]	"	Whitcliffe.
	15	1	" [3]	Lower Ludlow.	Leintwardine.
	16	2	" [2]	"	Church Hill.
	17	1	"	"	Leintwardine.
	18	6	Eurypterus pygmæus [4]	Passage Beds.	Ludlow Railway.
	19	4	" "	"	" "
	20	1	" " [4]	Upper Ludlow.	Ludford Lane.
	21	1	" "	"	" "
	22	1	" (pincers)	Lower Ludlow.	Church Hill.
	23	1	" megalops [4]	Passage Beds.	Ludlow Railway.
	24	1	" chartarius	Upper Ludlow.	Lesmahago.
	25	2	" acuminatus	"	Ludlow.
	26	2	" lateralis	Passage Beds.	Ludlow Railway.
	27	1	" linearis	Upper Ludlow.	Ludford.
	28	2	" [5]	"	Kington.
	29	1	" Symondsii [6]	Devonian	Roulton, Herefordshire.
	30	1	" " [6]	"	" "
	31	5	" mammatus	Coal Measures.	Pendleton, near Manchester.
	32	2	" ferox	"	Staffordshire.
III.	1	1	Slimonia acuminata	Uppermost Ludlow.	Lesmahago, Lanarkshire.
	2	1	" "	"	" "
	3	1	" "	"	" "
	4	1	" "	"	" "
	5	1	" "	"	" "
	6	1	" "	"	" "
	7	1	" "	"	" "
	8	1	" "	"	" "
	9	1	" "	"	" "
IV.	1	1	" "	"	" "
	2	1	" "	"	" "
	3	1	" "	"	" "

[1] Presented by H. Salwey, Esq.
[2] Presented by A. Marston, Esq.
[3] " C. V. Bayley, Esq.
[4] " R. Lightbody, Esq.
[5] " R. W. Banks, Esq.
[6] " Sir R. I. Murchison.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
			SECTIONS 28, 29.		
X. Shelf. IV.	4	1	Stylonurus scorpoides - -	Uppermost Ludlow.	Lesmahago, Lanarkshire.
	5	1	" " - -	" -	" "
	6	1	" n. sp. - -	" -	" "
V.	1	1	Pterygotus perornatus - -	" -	" "
	2	2	" " - -	" -	" "
	3	1	" " - -	" -	" "
	4	1	" " - -	" -	" "
	5	1	" " - -	" -	" "
	6	1	" - - - -	" -	" "
	7	1	" - - - -	" -	" "
	8	1	" bilobus - -	" -	" "
	9	1	" " - -	" -	" "
	10	1	" " - -	" -	" "
	11	1	" " - -	" -	" "
	12	1	" " - -	" -	" "
	13	1	" " - -	" -	" "
	14	1	" " - -	" -	" "
	15	1	" " - -	" -	" "
	16	1	" " - -	" -	" "
	17	1	" lanceolatus - -	" -	" "
	18	2	" " - -	" -	" "
	19	1	" anglicus [1] - -	Devonian -	Balruddery Glen, Perth.
	20	1	" " [2] - -	" -	Forfarshire.
	21	1	" " - -	" -	"
	22	3	Parka decipiens (Ovisacs ? of Pterygotus anglicus) [3].	" -	Balruddery.
	23	1	" " - - -	" -	Forfarshire.
	24	2	" " - - -	" -	Balruddery.
	25	4	" " - - -	" -	Park Hill, near Newburgh, Fife.
VI.	1	3	Pterygotus gigas [4] - -	Downton Sandstone.	No. 1, Forge Bridge, Downton. " 2, Bradnor Hill.
	2	1	" " [5] - -	Passage Beds.	Kington, Herefordshire.
	3	1	" [5] - - -	" -	" "
	4	3	" problematicus [5] -	" -	" "
	5	1	" " [6] -	" -	Ludlow Railway.
	6	1	" punctatus - -	Lower Ludlow.	Leintwardine.
	7	1	" " - -	" -	Church Hill.
	8	1	" " [7] - -	" -	Leintwardine.
	9	1	" " - -	" -	Church Hill.
	10	4	" Banksii - -	Passage Beds.	Kington, Herefordshire.

[1] Presented by Viscount Duncan. [2] Presented by Dr. Anderson.
[3] " D. Page, Esq. [4] " — Smith, Esq.
[5] " R. W. Banks, Esq. [6] " R. Lightbody, Esq.
[7] Presented by C. V. Bayley, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
X.			SECTIONS 28, 29.		
Shelf. VI.	11	2	Pterygotus Banksii [1] - -	Upper Ludlow.	Ludford Lane.
	12	1	" arcuatus - -	Lower Ludlow.	Church Hill.
	13	1	" ludensis [2] - -	Passage Beds.	Ludlow Railway.
	14	1	" " [2] - -	" -	" "
	15	1	" " [2] - -	" -	" "
	16	2	" - - - -	Lower Devonian.	Ulbster, near Wick.
XA.			SECTION 30.		
I.	1	2	Ludlow Bone Bed, shewing entire thickness.	Upper Ludlow (Bone Bed).	Norton, near Ludlow.
	2	1	Onchus, &c. - - -	" -	Ludlow.
	3	1	Coprolites - - - -	" -	Hagley Park.
	4	20	" - - - -	" -	Brock Hill.
	5	1	" [3] - - - -	" -	Hagley Park.
	6	1	" - - - -	" -	Brock Hill.
	7	1	Onchus - - - -	Downton Sandstone.	Kington, Herefordshire.
	8	1	" - - - -	" -	" "
II.	1	2	Onchus tenuistriatus - -	Upper Ludlow (Bone Bed).	Ludford Lane, Ludford.
	2	2	" " [4] - -	" -	" "
	3	2	" Murchisoni [2] - -	" -	" "
	4	1	" " [2] - -	" -	" "
	5	1	" [4] - - -	" -	Shucknall, Woolhope.
	6	1	" [5] - - -	" -	Newton Lane, Kington.
	7	5	" - - - -	" -	Ludlow.
	8	2	" - - - -	Passage Beds.	Paper Mills, Ludlow.
	9	1	" [1] - - -	" -	Ludlow Railway.
	10	2	" - - - -	" -	Kington, Herefordshire.
	11	2	" - - - -	" -	" "
	12	2	" - - - -	" -	" "
	13	3	" - - - -	Devonian -	Near Hereford.
	14	1	" arcuatus - - -	" -	Whitecastle.
	15	1	" " - - -	" -	Hope Brook, Gloucestershire.
	16	5	" - - - -	" -	Bushpitch, Wall Hills, Ledbury.
	17	1	" - - - -	" -	Werthope Hill, Leominster.
	18	3	" - - - -	" -	" "

[1] Presented by A. Marston, Esq. [2] Presented by R. Lightbody, Esq.
[3] " Sir R. I. Murchison. [4] " R. Etheridge, Esq.
[5] Presented by R. W. Banks, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
			SECTION 30.		
X A. Shelf. III.	1	1	Plectrodus [1]	Ludlow Bone Bed.	Ludlow.
	2	1	"	Passage Beds.	Paper Mills, Ludlow.
	3	2	"	"	Tin Mills.
	4	5	Helodus	Devonian	Cwm Arfor, Monmouthshire.
	5	1	Bufonites	"	Hereford.
	6	3	Helodus and Bufonites	"	Poole Wharf, near the Mynd, Monmouth.
	7	1	Fish bone	Passage Beds.	Ludlow Railway.
	8	2	"	"	Paper Mills, Ludlow.
	9	1	" remains	"	Ludlow Railway.
IV.	1	1	Cephalaspis Lyelli	Devonian	Whitbach.
	2	1	" "	"	Hereford.
	3	1	"	"	Heightington, Worcestershire.
	4	1	"	"	"
	5	1	"	"	"
	6	1	"	"	
	7	1	"	"	
	8	1	"	"	
	9	1	"	"	
	10	1	"	"	
	11	1	" [2]	"	Herefordshire.
	12	1	" [2]	Passage Beds.	Ludlow.
	13	1	"	"	Kington, Herefordshire.
	14	1	" Lyelli	Devonian	Terryside, Carmarthenshire.
	15	1	"	"	Balruddery.
	16	1	"	"	
	17	1	"	Wenlock Shale.	Ludlow Park.
	18	2	"	Upper Ludlow.	Onibury, Shropshire.
V.	1	2	Auchinaspis Salteri [1]	Passage Beds.	Ludlow Railway.
	2	1	" [3]	"	Ledbury.
	3	1	" [3]	"	"
	4	1	"	"	Trimpley, Kidderminster.
	5	1	Pteraspis [4]	Lower Ludlow.	Church Hill.
	6	1	" ludensis	"	" "
	7	1	" Lloydii	Devonian	Brockleton, Herefordshire.
	8	1	" "	"	Leysters Pole.

[1] Presented by R. Lightbody, Esq.
[2] Presented by A. Marston, Esq.
[3] " the Rev. W. Symonds.
[4] " R. W. Banks, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
X A. Shelf.			SECTION 30.		
V.	9	2	Pteraspis Lloydii - - -	Devonian -	Near Hereford.
	10	1	" truncatus - -	Passage Beds.	Kington, Herefordshire.
	11	5	" " [1] - -	" -	" "
	12	1	" " - -	" -	" "
	13	2	" Banksii - -	" -	" "
	14	2	" rostratus - -	Devonian -	Studley's, N. of Ludlow.
	15	1	" " - -	" -	Boulden.
	16	1	" " - -	" -	Ludlow.
VI.	1	6	Pteraspis - - - -	Devonian -	Werthope Hill, Herefordshire.
	2	1	" - - - -	" -	
	3	1	" - - - -	" -	Heightington, near Bewdley.
	4	4	" - - - -	" -	Studley's, N. of Ludlow.
	5	1	" - - - -	" -	
	6	1	" - - - -	" -	Cradley, Herefordshire.
	7	1	" - - - -	" -	" "
	8	1	" - - - -	" -	" "
	9	1	" - - - -	" -	" "
	10	1	" - - - -	" -	" "
	11	1	" - - - -	" -	" "
	12	2	" - - - -	" -	
	13	1	" - - - -	" -	
	14	1	" [2] - - - -	" -	Abergavenny, Monmouthshire.
	15	1	" - - - -	" -	Heightington near Bewdley.
	16	1	" - - - -	" -	Trempley Church.
	17	1	" [3] - - - -	" -	Targrove, near Ludlow.
	18	4	" - - - -	Downton Sandstone.	Ludford Lane.

[1] Presented by the Rev. W. Symonds. [2] Presented by John Morgan, Esq.
[3] Presented by G. E. Roberts, Esq.

LOWER GALLERY.

PALÆOZOIC DIVISION.

DEVONIAN SERIES. (Flat Cases 27 to 35.)

D.—DEVONIAN GROUP. SECT. I.

FLAT CASES XXVII. to XXXV.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXVII.	1	1	Campecaris Forfarensis [1] -	Lower Devonian.	Balruddery, Fifeshire.
	2	1	Crustacean - - - -	" -	Hope Brook, Gloucestershire.
	3	1	Phacops Latreillii - -	" -	Hope, Torquay.
	4	1	" " [2] - - -	" -	Ogwell, Newton Bushell.
	5	1	" coryphæus - -	" -	Hope, Torquay.
	6	1	" arachnoideus (cast) -	" -	Torquay.
	7	1	" laciniatus [3] - -	" -	St. Keyne's, Liskeard.
	8	1	" " [3] - -	" -	" "
	9	1	Homalonotus Herschelii -	" -	Meadsfoot Sands.
	10	2	" armatus - -	" -	" "
	11	1	Spirifer ostiolatus - -	" -	Valley of Rocks, Linton.
	12	2	" " - - -	" -	"
	13	3	" speciosus - - -	" -	Hope, Torquay.
	14	1	" aperturatus - -	" -	Linton, N. Devon.
	15	2	" costatus - - -	" -	Fowey, Cornwall.
	16	1	" " - - -	" -	East Looe.
	17	6	" octoplicatus? - -	" -	Looe, Cornwall.
	18	3	" macropterus - -	" -	Fowey, Cornwall.
	19	3	" - - - - -	" -	Looe, Cornwall.
	20	1	Athyris hirundo - - -	" -	Hope, Torquay.
	21	1	" phalæna - - -	" -	" "
	22	2	Atrypa desquamata - -	" -	Looe, Cornwall.
	23	1	" " - - -	" -	" "
	24	4	" reticularis - -	" -	Hope, Torquay.
	25	3	" lens - - - -	" -	" "
	26	2	Rhynchonella - - -	" -	Looe, Cornwall.
	27	3	" bifera - -	" -	Hope, Torquay.
	28	3	" cuboides - -	" -	" "
	29	3	" proboscidalis -	" -	" "
	30	1	Orthis circularis - - -	" -	Lynmouth.
	31	2	" " ? - - -	" -	Looe, Cornwall.
	32	2	" " - - -	" -	Fowey "
	33	1	" " - - -	" -	Lynmouth.
	34	3	" resupinata - - -	" -	Fowey Cornwall.
	35	3	" " - - -	" -	Hope, Torquay.
	36	1	" - - - - -	" -	Torquay.
	37	2	" longisulcata - -	" -	Watersmeet, N. Devon.
	38	3	" - - - - -	" -	Torquay.
	39	1	" - - - - -	" -	Looe, Cornwall.
	40	2	" - - - - -	" -	Whitesand Bay, Plymouth.

[1] Presented by Sir Phillip Egerton, Bart. [2] Presented by R. Godwin Austen, Esq.
[3] Presented by — Frathan, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locali
XXVII.	41	1	Strophomena gigas - -	Lower Devonian.	Fowey, Corn
	42	3	" " - -	" -	" "
	43	1	" depressa - -	" -	" "
	44	2	" analoga - -	" -	Hope, Torqu
XXVIII.	1	5	Leptæna plicata - - -	" -	Torquay, De
	2	1	Chonetes semiradiata - -	" -	Meadsfoot S quay.
	3	2	" " - -	" -	Torquay.
	4	3	" sarcinulata - -	" -	"
	5	1	" " - -	" -	"
	6	1	" sordida - - -	" -	Valley of Ro
	7	1	" " - - -	" -	" "
	8	2	Pterinea spinosa - - -	" -	Woodsbay, N
	9	2	" " - - -	" -	"
	10	4	" " - - -	" -	Fowey, Corn
	11	1	" anisota - - -	" -	Meadsfoot, T
	12	1	Modiola - - - -	" -	Dron Strathe burgh, Fife
	13	1	Cucullella ovata - - -	" -	Meadsfoot.
	14	1	Ctenodonta - - - -	" -	Fowey, Corn
	15	2	Acroculia sigmoidalis - -	" -	Hope, Torqu
	16	1	Turbo - - - - -	" -	" "
	17	2	Loxonema præterita - -	" -	" "
	18	2	Bellerophon bisulcatus - -	" -	Fowey, Corn
	19	1	" - - - -	" -	Torquay, De
XXIX.	1	1	Estheria Murchisonii [1] -	Middle Devonian.	Castle Hill, (
	2	1	" " - -	" -	Orkney.
	3	2	Bronteus flabellifer - -	" -	Newton Bus
	4	1	" " - -	" -	Plymouth.
	5	1	" " [2] - -	" -	Newton Bus
	6	2	Proetus [2] - - - -	" -	" "
	7	2	Phillipsia - - - -	" -	" "
	8	1	" - - - -	" -	" "
	9	1	" - - - -	" -	Padstow.
	10	1	Phacops Latreillii - - -	" -	Newton Bus
	11	1	" " [3] - - -	" -	Whitesand I wall.
	12	1	" latifrons - -	" -	Newton Bus
	13	2	Cheirurus Sternbergii - -	" -	" "
	14	3	Trimerocephalus lævis [4] -	" -	" "
	15	1	Harpes macrocephalus - -	" -	" "
	16	2	Terebratula hastata [2] - -	" -	" "
	17	2	" juvenis - -	" -	" "
	18	3	Stringocephalus giganteus [2] -	" -	" "
	19	2	" " -	" -	Chircombe Devon.
	20	1	" " [2] -	" -	Padstow.
	21	2	" porrectus [2] -	" -	Ogwell Lime

[1] Presented by C. W. Peach, Esq. [2] Presented by R. Godwin Au
[3] " C. A. Johns, Esq. [4] " Wm. Vicary, E

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
xxix.	22	3	Stringocephalus Burtini [1] -	Middle Devonian.	Newton Bushell.
	23	1	" " [2] -	" -	Ilfracombe, N. Devon.
	24	3	" - - - -	" -	Ogwell.
	25	2	Spirifer macropterus - -	" -	Padstow.
	26	4	" [1] - - - -	" -	Ogwell Shales.
	27	5	" oblatus [1] - -	" -	Newton Bushell.
	28	2	" " [1] - - -	" -	" "
	29	1	" comprimatus [1] - -	" -	W. Ogwell.
	30	2	" simplex [1] - -	" -	Newton Bushell.
	31	1	" speciosus - - -	" -	Padstow.
	32	2	" disjunctus [1] - -	" -	East Ogwell.
	33	8	" heteroclitus [1] - -	" -	Newton Bushell.
	34	2	" " - -	" -	" "
	35	5	" nudus [1] - -	" -	" "
	36	1	" umbraculum [1] - -	" -	Berry Pomeroy. S. of Castle.
	37	1	" ostiolatus [1] - -	" -	Ogwell.
	38	1	" Verneuillii [1] - -	" -	Newton Bushell.
	39	2	" [1] - - - - -	" -	" "
	40	1	" - - - - -	" -	" "
	41	1	" [1] - - - -	" -	" "
	42	2	" [1] - - - -	" -	" "
	43	3	" - - - - -	" -	Haggington, Ilfracombe.
x.	1	2	Athyris concentrica - -	" -	Padstow.
	2	5	" plebia [1] - - -	" -	Newton Bushell.
	3	4	" - - - - -	" -	Padstow.
	4	6	Atrypa aspera [1] - - -	" -	Newton Bushell.
	5	5	" desquamata [1] - -	" -	" "
	6	6	" " [1] - -	" -	" "
	7	3	" " [1] - -	" -	" "
	8	1	" " [1] - -	" -	E. Ogwell.
	9	3	" reticularis [1] - -	" -	W. "
	10	3	" " - - -	" -	Padstow.
	11	4	" " [1] - - -	" -	Newton Bushell.
	12	13	Rhynchonella cuboides [1] -	" -	" "
	13	4	" triloba [1] -	" -	" "
	14	3	" acuminata [1] -	" -	" "
	15	7	" implexa [1] -	" -	" "
	16	3	" " [1] -	" -	" "
	17	7	" anisodonta [1] -	" -	" "
	18	8	" pugnus [1] -	" -	" "
	19	1	" angularis [1] -	" -	" "
	20	1	" rhomboidea -	" -	" "
	21	1	" - - - - -	" -	" "
	22	3	" laticosta [1] -	" -	" "
	23	2	Retzia ferita - - -	" -	" "
	24	6	Pentamerus brevirostris [1] -	" -	" "
	25	6	" " [1] -	" -	" "
	26	3	" " -	" -	Padstow.
	27	3	" [1] - - -	" -	W. Ogwell.
	28	5	Orthis n. sp. [1] - - -	" -	Newton Bushell.
	29	5	" resupinata [1] - -	" -	W. Ogwell.
	30	1	" " [1] - - -	" -	"

[1] Presented by R. Godwin Austen, Esq. [2] Presented by R. H. Valpy, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
xxx.	31	1	Orthis - - - - -	Middle Devonian.	Padstow.
	32	1	" - - -	" -	"
	33	3	" [1] - - -	" -	Ilfracombe, N. Devon.
	34	1	" [1] - - -	" -	West Haggington, Ilfracombe.
	35	1	Strophomena [2] - - -	" -	East Ogwell.
	36	1	" - - - -	" -	Padstow.
	37	2	" analoga - -	" -	Newton Bushell.
	38	1	" " [2] - -	" -	Ogwell.
	39	1	" " [2] - ..	" -	*a.b.* E. Ogwell, *c.* Newton Bushell.
	40	1	" eplanata - -	" -	Padstow.
	41	1	" interstrialis [2] -	" -	Plymouth.
	42	2	" umbraculum [2] -	" -	W. Ogwell.
	43	1	" [2] - - - -	" -	W. Ogwell.
	44	1	" - - - -	" -	Padstow.
	45	7	Calceola sandalina [2] - -	" -	" Chircombe Bridge.
	46	1	Davidsonia Verneuilii [2] -	" -	Newton Bushell.
	47	2	Strophalosia fragraria [2] -	" -	E. Ogwell.
	48	2	" " [2] - -	" -	"
	49	2	" pustulosa [2] -	" -	"
	50	3	Chonetes sordida [2] - -	" -	"
	51	1	Lingula - - - -	" -	Mudstone Bay.
xxxi.	1	1	Pterinea subradiata [2] - -	" -	W. Ogwell.
	2	2	" " [2] - -	" -	" Berry Pomeroy.
	3	5	" texturata [2] - -	" -	Newton Bushell.
	4	1	" [2] - - - -	" -	" "
	5	1	Avicula - - - -	" -	" "
	6	3	" [2] - - - -	" -	" "
	7	1	Aviculopecten [2] - - -	" -	" "
	8	1	" plicatus [2] -	" -	" "
	9	3	Ambonychia [2] - - -	" -	" "
	10	1	" [2] - - -	" -	" "
	11	4	Myalina - - - -	" -	Combe Martin, Devon.
	12	3	" - - - - -	" -	" "
	13	4	" [2] - - - -	" -	Newton Bushell.
	14	3	Pleurorhynchus aliformis [2] -	" -	" "
	15	3	Modiola scalaris [2] - -	" -	Berry Pomeroy.
	16	1	Megalodon carinatus [2] - -	" -	Newton Bushell.
	17	1	" - - - -	" -	" "
	18	1	Edmondia - - - -	" -	" "
	19	1	" [2] - - - -	" -	" "
	20	1	Ctenodonta lineata - -	" -	" "
	21	1	" amygdalina [2] -	" -	" "
	22	1	" - - - -	" -	" "
	23	1	Chiton - - - - -	" -	" "
	24	4	Nerita deformis? [2] - -	" -	" "
	25	3	Pleurotomaria [2] - - -	" -	" "
	26	2	" [2] - - -	" -	" "
	27	1	" aspera [2] - -	" -	W. Ogwell.

[1] Presented by R. H. Valpy, Esq. [2] Presented by R. Godwin Austen, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXXI.	28	2	Pleurotomaria [1] - - -	Middle Devonian.	Newton Bushell.
	29	2	" [1] - - -	" -	" "
	30	1	" - - - -	" -	" "
	31	1	" [1] - - -	" -	" "
	32	2	" [1] - - -	" -	" "
	33	1	" monilifera [1] -	" -	" "
	34	3	" multispira -	" -	" "
	35	5	Murchisonia bilineata - -	" -	" "
	36	2	" " - -	" -	" "
	37	1	" geminata [1] -	" -	" "
	38	1	" - - - -	" -	" "
	39	1	" - - - -	" -	" "
	40	5	" [1] - - - -	" -	" "
	41	6	Euomphalus circularis [1] -	" -	" "
	42	3	" " [1] - -	" -	" "
	43	2	" serpens [1] - -	" -	" "
	44	2	" [1] - - - -	" -	" "
	45	3	" lævis [1] - -	" -	" "
	46	3	" planorbis [1] -	" -	" "
	47	4	" " [1] -	" -	" "
	48	5	" radiatus [1] - -	" -	" "
XXXII.	1	1	Platyschisma [1] - - -	" -	Newton Bushell.
	2	1	Trochus - - - -	" -	" "
	3	2	Turbo [1] - - - -	" -	" "
	4	5	Scoliostoma texata [1] - -	" -	" "
	5	4	Vermetus [1] - - - -	" -	" "
	6	2	" - - - - -	" -	" "
	7	1	" annulosus - -	" -	" "
	8	1	" [1] - - - -	" -	" "
	9	4	Acroculia vetusta [1] - -	" -	" "
	10	3	" [1] - - - -	" -	" "
	11	1	" triloba [1] - - -	" -	" "
	12	2	Loxonema præterita [1] - -	" -	Chudleigh.
	13	5	" [1] - - - -	" -	Newton Bushell.
	14	2	" reticulata - -	" -	" "
	15	4	" Hennahiana [1] -	" -	" "
	16	1	" - - - - -	" -	" "
	17	1	" - - - - -	" -	" "
	18	8	Macrocheilus [1] - - -	" -	" "
	19	3	" imbricatus -	" -	" "
	20	1	" elongatus [1] -	" -	" "
	21	4	" arculatus [1] -	" -	" "
	22	6	Natica - - - - -	" -	Nr. Combe Martin.
	23	5	" [1] - - - -	" -	Newton Bushell.
	24	1	" - - - - -	" -	Combe Martin.
	25	2	Bellerophon [2] - - -	" -	Polperro, Cornwall
	26	1	" - - - -	" -	Newton Bushell.
	27	4	" striatus [1] - -	" -	" "
	28	1	Porcellia Woodwardii [1] -	" -	" "
	29	1	" striata [1] - - -	" -	" "

[1] Presented by R. Godwin Austen, Esq. [2] Presented by I. Couch, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXXIII.	1	3	Phacops granulatus - -	Upper Devonian.	Petherwin, Cornwall.
	2	2	" " - -	" -	" "
	3	1	" laciniatus - -	" -	S. Petherwin, Cornwall.
	4	1	Spirifer disjunctus [1] - -	" -	Tintagel, Cornwall.
	5	4	" " [1] - -	" -	S. Petherwin.
	6	2	" " - - -	" -	"
	7	1	" " - - -	" -	"
	8	1	" " - - -	" -	"
	9	1	" protensus - -	" -	"
	10	4	" Urii - -	" -	"
	11	3	Athyris hispida - - -	" -	"
	12	2	Rhynchonella pleurodon -	" -	"
	13	1	" " - -	" -	"
	14	1	" subdentata -	" -	"
	15	1	Orthis interlineata - -	" -	"
	16	3	" " - - -	" -	"
	17	1	" " - - -	" -	Landlake Quarry.
	18	1	" " - - -	" -	"
	19	2	" resupinata - - -	" -	Petherwin.
	20	1	" " - - -	" -	"
	21	1	Discina [2] - - - -	" -	Barnstaple.
	22	4	Strophalosia caperata - -	" -	Petherwin.
	23	1	" " - -	" -	"
	24	1	" membranacea -	" -	"
	25	1	" " -	" -	"
	26	1	Productus - - - -	" -	"
	27	1	Pterinea subradiata - -	" -	"
	28	1	Aviculopecten transversus -	" -	Barnstaple.
	29	1	" granosus -	" -	Landlake.
	30	1	" alternatus -	" -	Petherwin.
	31	1	Orthonota semisulcata - -	" -	Landlake.
	32	1	Cardium palmatum - -	" -	Petherwin.
	33	1	Ctenodonta? [2] - - -	" -	Barnstaple.
	34	1	Schizodus deltoideus - -	" -	Petherwin.
	35	4	Loxonema sinuosa and Cypridina serrato-striata.	" -	"
	36	2	Pleurotomaria asper - -	" -	"
	37	1	" antitorquata -	" -	"
XXXIV.	1	1	Phacops latifrons - - -	Marwood Beds.	N. Devon.
	2	1	" " - - -	" -	East Hill, Braunton, N. Devon.
	3	1	" " - - -	" -	Baggy Point, N. Devon.
	4	2	" " - - -	Pilton Beds	New Road Quarry, Pilton.
	5	2	Terebratula - - - -	Marwood Beds.	East Hill, Braunton.
	6	2	Spirifer Barumensis - -	" -	Braunton Down.
	7	3	" " - -	" -	Luscott Barton.
	8	2	" " - -	" -	N. Devon,
	9	1	" " - -	Pilton Beds	Croyde Bay.

[1] Presented by D. Sharpe, Esq.

[2] Presented by M. J. Otte, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIV.	10	1	Spirifer calcarata	Pilton Beds	Brushford, N. Devon.
	11	12	" Urii	"	Braunton, N. Devon.
	12	2	" disjunctus	Marwood Beds.	Top Orchard, nr. Devon.
	13	10	Athyris	"	Incledon, nr. Barnstaple.
	14	1	" "	"	N. Devon.
	15	10	" concentrica	"	Braunton Down.
	16	2	" "	"	N. Devon.
	17	3	" [1]	Pilton Beds	Braunton N. Devon.
	18	3	Rhynchonella laticosta	Marwood Beds.	Sloby, Barnstaple.
	19	4	" "	"	Croyde Bay.
	20	2	" "	"	" "
	21	3	" "	"	Baggy Point, N. Devon.
	22	5	" "	Pilton Beds	Braunton, N. Devon.
	23	2	"	Marwood Beds.	N. Devon.
	24	1	" pleurodon	"	Braunton Down.
	25	5	" "	"	Baggy Point, N. Devon.
	26	1	" subdentata	"	Barnstaple.
	27	1	" " [1]	Pilton Beds	Braunton, N. Devon.
	28	2	Strophomena analoga	"	Croyde, N. Devon.
	29	1	" "	Marwood Beds.	" "
	30	1	Orthis interlineata	"	N. Devon.
	31	2	Streptorhynchus crenistria	"	"
	32	3	Productus prælongus	Pilton Beds	Croyde Bay, N. Devon.
	33	1	" "	Marwood Beds.	Ash Down, Barnstaple.
	34	1	" "	"	Barnstaple, N. Devon.
	35	2	" "	"	Croyde Bay.
	36	1	" "	"	Braunton, N. Devon.
	37	2	" Humboldti?	"	Barnstaple, N. Devon.
	38	2	Strophalosia caperata [1]	Pilton Beds	Braunton, N. Devon.
	39	1	" "	Marwood Beds.	Barnstaple, N. Devon.
	40	2	Lingula	"	Plaistow Mill, Barnstaple.
	41	2	" [2]	"	" "
	42	4	" hybrida [1]	"	Sloly, N. Devon.
	43	2	Discina	"	West Angle, S. side.
XXV.	1	1	Aviculopecten transversus	Pilton Beds	Brushford, N. Devon.
	2	1	" "	Marwood Beds.	Braunton "
	3	2	" "	"	" "
	4	1	" sp.	"	" "
	5	1	"	Pilton Beds	Croyde Bay "
	6	8	Avicula Damnoniensis	Marwood Beds.	Marwood "
	7	3	" "	"	" "
	8	1	" "	"	S. of Co. Cork.
	9	8	" "	"	Marwood, N. Devon.
	10	2	" "	"	West Angle Bay, South.

[1] Presented by the Rev. F. Mules. [2] Presented by M. J. Otte, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
xxxv.	11	2	Avicula Damnoniensis - -	Marwood Beds.	West Angle Bay, South.
	12	2	Anodon Jukesii - - -	" -	KiltorcanHill,Kilkenny.
	13	2	Schizodus - - - -	" -	Marwood, N. Devon.
	14	4	" - - - -	" -	Sherwell, N. of Barnstaple.
	15	2	" - - - -	" -	" "
	16	1	Modiolopsis - - - -	" -	" "
	17	5	Cucullæa trapezium - -	" -	Marwood, N. Devon.
	18	3	" " - -	" -	" "
	19	2	" " - -	" -	" "
	20	1	" angusta - - -	" -	" "
	21	3	" Hardingii - -	" -	" "
	22	1	" " - -	" -	" "
	23	1	" complanata - -	" -	" "
	24	2	" " - -	" -	" "
	25	8	Curtonotus rectus - -	" -	Baggy Point, S. Cave.
	26	2	Sanguinolaria elliptica - -	Pilton Beds	Combe, nr. Ashburton.
	27	1	" sulcata - -	" -	" "
	28	1	Sanguinolites - - -	Marwood Beds.	Nr. Croyde.
	29	1	" - - -	" -	Braunton Down.
	30	1	Solen - - - - -	" -	West Angle, S. side.
	31	1	Pullastra antiqua - - -	Pilton Beds	Barnstaple.
	32	1	" complanata - -	Marwood Beds.	"
	33	2	Ctenodonta ovalis - - -	" -	Marwood.
	34	2	" ovata - - -	" -	Baggy Point, N. Devon.
	35	1	" lirata - - -	" -	N. Devon.
	36	1	" " - -	" -	Pilton, N. Devon,
	37	2	" latissima - -	" -	Saunton Court.
	38	1	" - - - -	" -	Barnstaple.
	39	2	" - - - -	" -	Baggy Point, S. Cave.
	40	3	" - - - -	" -	" "
	41	1	" - - - -	" -	West Angle, S. side.
	42	2	Loxonema rugifera - -	" -	Braunton Down, N. Devon.
	43	1	" " - -	" -	N. Devon.
	44	1	Macrocheilus - - -	Pilton Beds	Croyde Bay.
	45	2	" - - - -	" -	" "
	46	7	" - - - -	Marwood Beds.	Devon.
	47	1	Euomphalus serpens - -	Pilton Beds	Brushford, N. Devon.
	48	1	Pleurotomaria - - -	Marwood Beds.	E. of Barnstaple.
	49	1	" - - -	" -	Braunton Down.
	50	8	Bellerophon subglobatus -	" -	Sherwell.
	51	8	" " -	" -	Devon.
	52	1	" bisulcatus -	" -	Baggy Point, N. Devon.
	53	2	" " -	" -	West Angle Bay.
	54	1	" Urii -	" -	Baggy Point, N. Devon.
	55	1	" - - - -	" -	" "
	56	1	Porcellia Symondsii - -	" -	Braunton Down.
	57	1	" " - -	" -	Barnstaple, N. Devon.

Devonian Series. (Drawers 27 to 35.)

Underneath the Flat Cases.

D.—DEVONIAN GROUP. Sect. II.—Drawers xxvii. to xxxv.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
xxvii.	1	5	Coniferous wood - -	Lower Devonian.	Reswallie.
	2	2	Plants - - - -	" -	Nr. Tealing, Forfarshire.
	3	4	" - - - -	" -	¼ m. E. of Cleobury Church.
	4	4	" - - - -	" -	Balruddery.
	5	2	Sagenaria - - - -	" -	Billhaven, Dunbar.
	6	1	Lepidodendron - - -	" -	Reswallie, Forfar.
	7	1	Campecaris Forfarensis [1] -	" -	Forfarshire.
xxix.	1	1	Branched fucoid - -	Middle Devonian.	Bove Sands, Plymouth.
	2	1	Lepidodendron nothum [2] -	" -	Caithness.
	3	1	" " -	" -	Kilmster, Wick, Caithness.
	4	1	" " [3] -	" -	Caithness.
	5	1	" " -	" -	Dale Quarry, Stromness.
	6	1	" (roots) [4] -	" -	Stromness, Orkney.
	7	1	Coniferous roots - -	" -	Kilmster, Wick.
	8	1	" " - -	" -	" "
	9	1	" " - -	" -	Orkney, near Hamilton.
xxx.	1	1	Coniferous roots [5] - -	" -	Stone Gun, near Castle Hill. Thurso.
	2	1	" tree - -	" -	Pentland Frith.
	3	1	" roots - -	" -	Kilmster, Wick.
	4	1	" " [5] - - -	" -	Lerwick, Shetland.
	5	1	" " - - -	" -	Orkney, near Hamilton.
	6	1	" " - - -	" -	BressayLight, Shetland.
xxxi.	1	2	Stromatopora concentrica -	" -	Torquay.
	2	1	" placenta -	" -	Newton Bushell.
	3	3	" " - -	" -	
	4	2	" polymorpha -	" -	Torquay.
	5	1	Favosites polymorphus [6] -	" -	Ilfracombe.
	6	1	Alveolites suborbicularis -	" -	Plymouth Limestone.
	7	1	Heliolites porosus - -	" -	S. Devon.
	8	1	" " - - -	" -	"
	9	1	" " - - -	" -	Newton Bushell.
	10	3	Cyathophyllum [7] - -	" -	Plymouth.

[1] Presented by Robt. Barclay, Esq.
[2] Presented by Dr. Hamilton.
[3] " C. W. Peach, Esq.
[4] " — Sloper, Esq.
[5] " Sir R. I. Murchison.
[6] " R. H. Valpy, Esq.
[7] Presented by E. Best, Esq.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXXI.	11	2	Cystiphyllum [1] - - -	Middle Devonian.	Newton Bushell.
	12	1	" [1] - - -	" -	Plymouth.
	13	1	" [1] - - -	" -	Newton Bushell.
	14	1	Acervularia [1] - - -	" -	" "
	15	2	Orthoceras [1] - - -	" -	" "
	16	2	" [1] - - -	" -	" "
	17	4	Cyrtoceras [1] - - -	" -	" "
	18	9	" [1] - - -	" -	" "
XXXII.	1	1	Bracts of Lycopodiaceous plants. -	Upper Devonian.	Hill of Kiltorkin, Kilkenny.
	2	1	" " -	" -	" "
	3	1	" " -	" -	" "
	4	1	" " -	" -	" "
	5	1	Trichomenites adnascens - -	" -	Near 9-mile house.
	6	1	Sphenopteris sp. - -	" -	Kiltorkin, Kilkenny.
	7	1	Adiantites hibernicus -	" -	" "
	8	1	" " - -	" -	" "
	9	1	Plants - - - -	" -	Clee Hills.
	10	1	Dichotomous roots - - -	" -	Hill of Kiltorkin, Kilkenny.
	11	1	Stigmaria - - - -	" -	" "
	12	1	" - - - -	" -	" "
	13	1	" - - - -	" -	" "
	14	1	" - - - -	" -	" "
XXXIII.	1	1	Lepidodendron dichotomum -	" -	Kilkenny.
	2	1	" " -	" -	Kiltorcan Hill, Kilkenny.
	3	1	" " -	" -	" "
	4	1	" " -	" -	" "
	5	1	" " -	" -	Marwood, N. Devon.
	6	1	Sigillaria? - - - -	" -	Kiltorcan Hill, Kilkenny.
	7	1	Orthoceras - - - -	" -	Landlake, Cornwall.
XXXIV.	1	2	Phacops latifrons - -	Marwood Beds.	Croyde, N. Devon.
XXXV.	1	2	Avicula Damnoniensis -	" -	West Angle Bay, Pembrokeshire.
	2	2	" " - - -	" -	Braunton, N. Devon.
	3	4	Cucullæa trapezium - -	" -	N. Devon (Marwood).
	4	1	" sp. - -	" -	" "

[1] Presented by R. Godwin Austen, Esq.

Devonian Series. (Wall Cases 11 to 12.)

D.—DEVONIAN GROUP. Sect. III.—Wall Cases xi. to xii.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
			Section 31.		
XI. Shelf. I.	1	1	Wood of coniferous tree [1] -	Middle Devonian.	Thurso, Caithness.
	2	1	Stromatopora concentrica -	" -	Combe Martin, N. Devon.
	3	1	Stromatopora, Alveolites, Favosites, &c. [1]	Devonian.	Teignmouth.
	4	1	Heliolites porosus - -	" -	Mudstone Beach.
	5	1	Smithia Pengellyi - -	" -	East Ogwell.
	6	1	Cyathophyllum helianthoides	" -	Sutton Pool, Plymouth.
	7	1	Estheria [2] - - - -	Middle Devonian.	Caithness.
	8	1	" [2] - - - - -	" -	"
	9	1	" Murchisonii [3] - -	Lowest Devonian.	Wick, Caithness.
	10	1	Cythere - - - -	" -	W. of Newburgh, Fife.
	11	1	Fenestella antiqua and Polypora repisteria.	Middle Devonian.	Stonehouse Pool, Devonport.
	12	1	Lingula cornea - - -	Lowest Devonian.	Kington, Herefordshire.
	13	1	Orthoceras - - - -	Middle Devonian.	Mudstone Bay, S. Devon.
II.	1	1	Fucoid [3] - - - -	Lower Devonian.	Black Head, Cornwall.
	2	1	Steganodictyum cornubicum. [4]	" -	Lantivet Bay, Polperro, Cornwall.
	3	1	" " -	" -	Polperro, Cornwall.
	4	1	" Carteri -	" -	Lower St. Columb Porth, Cornwall.
	5	1	" [4] - - - -	" -	Lantivet Bay, Polperro, Cornwall.
	6	1	" [4] - - - -	" -	" "
	7	1	Pleurodictyum problematicum. [3]	" -	Looe, Cornwall.
	8	1	" " -	" -	" "
	9	1	" " -	" -	Meadsfoot, near Torquay.
	10	1	Petraia celtica - - -	" -	"
	11	3	Platycrinus [3] - - -	" -	Guns, E. Looe, Cornwall.
	12	1	Rhodocrinus [3] - - -	" -	St. Katherine's Point.
	13	1	Tentaculites - - -	" -	Torquay, S. Devon.
	14	1	" annulatus -	" -	" "

[1] Presented by J. Miller, Esq.
[2] Presented by R. Dick, Esq.
[3] " C. W. Peach, Esq.
[4] " J. Couch, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XI. Shelf.			SECTION 31.		
II.	15	1	Fenestella - - - -	Lower Devonian.	Mudstone Bay, S. Devon.
	16	1	„ oculata - -	„ -	Hope, Torquay.
	17	2	„ antiqua - -	„ -	W. of Lee, near Linton N. Devon.
	18	1	„ arthritica - -	„ -	Hope, Torquay.
	19	1	Ceriopora similis - -	„ -	„ „
	20	1	Orthoceras gracile - -	„ -	S. of St. Austell.
III.	1	2	Stromatopora concentrica -	Middle Devonian.	Teignmouth.
	2	2	„ „ -	„ -	Torquay.
	3	1	„ „ -	„ -	South Devon.
	4	1	„ placenta -	„ -	
	5	2	„ „ [1] -	„ -	Newton Bushell.
	6	2	„ „ -	„ -	South Devon.
	7	1	„ „ -	„ -	
	8	4	„ polymorpha [1] -	„ -	Newton Bushell.
	9	4	„ „ -	„ -	No. 1, Torquay. „ 2, Teignmouth.
	10	1	Sphærospongia tesselata -	„ -	Newton Bushell.
	11	1	„ „ [1] -	„ -	„ „
	12	1	„ „ -	„ -	„ „
	13	1	„ „ [1] -	„ -	„ „
	14	6	„ „ [1] -	„ -	„ „
	15	1	Battersbya inæqualis? -	„ -	S. Devon.
	16	1	Chætetes? - - - -	„ -	„
IV.	1	3	Heliolites porosus [1] - -	„ -	Newton Bushell.
	2	2	„ „ [1] - -	„ -	„ „
	3	1	„ „ [1] - -	„ -	„ „
	4	1	„ „ [2] - -	„ -	„ „
	5	1	„ „ - -	„ -	„ „
	6	1	„ „ - -	„ -	South Devon.
	7	1	„ „ - -	„ -	Teignmouth.
	8	1	Favosites polymorphus -	„ -	Between Enmore and Cathelstone.
	9	1	„ „ - -	„ -	South Devon.
	10	1	„ „ - -	„ -	East Ogwell.
	11	3	„ „ [1] - -	„ -	„
	12	1	„ Goldfussi - -	„ -	South Devon.
	13	1	„ „ - -	„ -	„ „
	14	1	„ „ - -	„ -	Torquay.
	15	3	„ reticulatus - -	„ -	South Devon.
	16	4	Alveolites suborbicularis -	„ -	No. 1, Teignmouth. „ 2, Newton. „ 3, Babbacombe.
	17	2	„ „ - -	„ -	Newton Bushell.
	18	1	„ „ - -	„ -	Torquay.
	19	1	„ Battersbyi - -	„ -	Darlington, S. Devon.
	20	1	„ „ - -	„ -	Torquay.
	21	2	Pleurodictyum problematicum. [1]	„ -	Ogwell.

[1] Presented by R. Godwin Austen, Esq. [2] Presented by Mrs. Barlow.

			Name.	Formation.	Locali[illegible]
			SECTION 31.		
		1	Endophyllum abditum -	Middle Devonian.	Babbacombe, S. Devon.
		1	" Bowerbanki -	" -	Torquay.
		2	Acervularia Goldfussi. [1] -	" -	Plymouth.
	4	3	" subpentagona -	" -	"
	5	1	" coronata - -	" -	Torquay.
	6	2	" intercellulosa -	" -	Plymouth ?
	7	1	" - - - -	" -	South Devon.
	8	1	" - - - -	" -	"
	9	1	Smithia Hennahi [1] - -	" -	"
	10	2	" " [2] - -	" -	Newton Bushell.
	11	2	" Pengellyi - -	" -	" "
	12	2	" " - - -	" -	" "
	13	1	" " - - -	" -	Torquay.
	14	3	Cystiphyllum Damnoniense [2]	" -	Newton Bushell.
	15	1	" " - -	" -	" "
	16	1	" " [2] -	" -	" "
	17	1	" vesiculosum [2]	" -	" "
	18	2	" [2] - - - -	" -	" "
	19	1	Zaphrentis - - - -	" -	" "
	20	3	" [3] - - - -	" -	Plymouth.
	21	3	" [4] - - - -	" -	"
	22	2	Petraia celtica - - -	" -	Padstow, Cornwall.
	23	4	" " - - -	" -	" "
	24	3	" " - - -	" -	Yealmton, S. Devon.
VNI.	1	2	Cyathophyllum cæspitosum	" -	Teignmouth.
	2	5	" " [2] -	" -	Newton Bushell.
	3	1	" " -	" -	" "
	4	2	" vermicularis [2]	" -	" "
	5	2	" hexagonum -	" -	S. Devon.
	6	1	" Boloniense -	" -	Babbacombe.
	7	1	" obtortum -	" -	Newton Bushell.
	8	2	" helianthoides	" -	Mudstone Bay.
	9	1	" " -	" -	Newton Bushell.
	10	3	" [2] - - -	" -	" "
	11	2	" - - - -	" -	" "
	12	5	" [2] - - -	" -	" "
	13	3	" [2] - - -	" -	" "
	14	3	" [2] - - -	" -	East Ogwell.
	15	1	Hallia Pengellyi - -	" -	Newton Bushell.
	16	3	Amplexus tortuosus - -	" -	" "
	17	2	Aulopora - - - -	" -	Padstow.
	18	2	Ptilodictya - - -	" -	"
	19	1	Retepora prisca - - -	" -	Newton Bushell.
	20	1	" " - - -	" -	" "
	21	1	Fenestella - - - -	" -	" "
	22	3	" [2] - - - -	" -	W. Ogwell Slates.
	23	1	" - - - -	" -	Ilfracombe, N. Devon.
	24	2	Berenicea M'Coyii - -	" -	Padstow.

[1] Presented by Mrs. Barlow. [2] Presented by R. Godwin Austen, Esq.
[3] " Miss Hook. [4] " the Rev. J. W. Johns.

Case.	Table.	Specimen.	Name.	Formation.	Locality.
			SECTION 32.		
XII. Shelf. I.	1	1	Favosites polymorphus [1] -	Devonian	Haggington, N. Devon.
	2	1	" " - -	" -	Plymouth.
	3	1	" " - -	" -	Skibo, east coast of Sutherland.
	4	1	" " - -	" -	" "
	5	4	Serpula advena - -	" -	Sandtap Bay.
	6	1	Spirifer disjunctus - -	" -	Tentagel, Cornwall.
	7	1	" " [2] - - -	" -	" "
	8	1	Rhynchonella [2] - - -	" -	" "
	9	1	Anodon Jukesii - - -	" -	Kiltorkin Hill, Kilkenny.
	10	1	Goniatites vinctus - -	" -	Petherwin, Cornwall.
	11	1	Cucullæa trapezium - -	Marwood Beds.	Ash Down, Barnstaple.
	12	1	Pleurotomaria, Spirifer, Leptæna, Phacops.	Pilton Beds.	Pilton, N. Devon.
II.	1	4	Cyathocrinus geometricus [3]	Middle Devonian.	Newton Bushell.
	2	1	" " [3] - -	" -	" "
	3	4	Poteriocrinus [3] - - -	" -	" "
	4	12	Rhodocrinus [3] - - -	" -	" "
	5	1	Platycrinus tuberculatus [3]	" -	" "
	6	3	" pentangularis [3]	" -	" "
	7	3	" [3] - - - -	" -	" "
	8	6	Hexacrinus interscapularis -	" -	" "
	9	1	" " [3] -	" -	" "
	10	2	" [3] - - - -	" -	" "
	11	3	" [3] - - - -	" -	" "
	12	1	" (spine) - -	" -	" "
	13	1	Cupressocrinus crassans -	" -	" "
	14	1	" - - - -	" -	" "
	15	2	Serpula - - - -	" -	" "
III.	1	1	Orthoceras laterale [3] - -	" -	" "
	2	6	" " [3] - -	" -	" "
	3	1	" " - - -	" -	" "
	4	2	" unctum [3] -	" -	" "
	5	1	" Ludense [3] - -	" -	Babbacombe.
	6	1	" [3] - - - -	" -	Newton Bushell.
	7	1	" [3] - - - -	" -	" "
	8	6	" tubicinella [3] -	" -	" "
	9	3	" [3] - - - -	" -	" "
	10	1	" [3] - - - -	" -	East Ogwell.
	11	3	Cyrtoceras armatum [3] -	" -	Newton Bushell.
	12	2	" reticulatum [3] -	" -	" "
	13	1	" ornatum [3] -	" -	" "
	14	3	" fimbriatum [3] -	" -	" "
	15	3	" obliquatum -	" -	" "
	16	4	" tridecimale [3] -	" -	" "

[1] Presented by R. H. Valpy, Esq. [2] Presented by D. Sharpe, Esq.
[3] Presented by R. Godwin Austen, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XII.			SECTION 32.		
Shelf. III.	17	3	Cyrtoceras quindecimale -	Middle Devonian.	Newton Bushell.
	18	1	" " - -	" -	" "
	19	1	" - - - -	" -	" "
	20	2	" - - - -	" -	" "
	21	1	" [1] - - - -	" -	West Ogwell.
	22	6	Goniatites excavatus [1] -	" -	Newton Bushell.
	23	5	" globosus [1] -	" -	" "
	24	3	" transitorius [1] -	" -	" "
	25	3	" compressus [1] -	" -	" "
	26	3	" [1] - - - -	" -	" "
	27	8	" [1] - - - -	" -	" "
IV.	1	1	Clymenia lævigata - -	Upper Devonian.	Petherwin, Cornwall.
	2	1	" " - - -	" -	" "
	3	1	" sagittalis - -	" -	" "
	4	2	" Pattisoni - -	" -	" "
	5	1	" plurisepta - -	" -	" "
	6	2	" fasciata - -	" -	" "
	7	2	" valida - -	" -	" "
	8	5	" undulata - -	" -	" "
	9	7	" striata - - -	" -	" "
	10	3	" " - - -	" -	" "
	11	1	" - - - - -	" -	" "
	12	1	" - - - - -	" -	" "
	13	1	" - - - - -	" -	" "
	14	4	Orthoceras striatum - -	" -	" "
	15	1	" - - - - -	" -	" "
	16	4	" - - - -	" -	Landlake, "
	17	2	" laterale - -	" -	Petherwin, "
	18	1	" - - - - -	" -	" "
	19	3	Goniatites linearis - -	" -	" "
	20	1	" subsulcatus -	" -	Landlake, "
	21	1	" vinctus - -	" -	Petherwin, "
	22	2	" " - - -	" -	S. Petherwin, "
V.	1	1	Favosites, n. sp. - -	Pilton Group.	Underwood, Yealm Bridge, Launceston.
	2	1	Michelinia antiqua - -	" -	Brushford, N. Devon.
	3	2	" - - - -	Marwood Beds.	No. 1, N. Devon. " 2, Croyde Bay.
	4	2	Dictyophyllia - - -	" -	Braunton Down.
	5	1	Petraia pluriradialis - -	Pilton Group.	Brushford.
	6	2	" celtica - - -	" -	Yealm Bridge, Launceston.
	7	1	" - - - - -	" -	Combe, near Ashburton, S. Devon.
	8	1	Poteriocrinus - - -	Marwood Beds.	Braunton, N. Devon.
	9	2	" - - - - -	" -	" Down.

[1] Presented by R. Godwin Austen, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XII.			SECTION 32.		
Shelf. V.	10	2	Poteriocrinus - - -	Marwood Beds.	Braunton Down.
	11	1	" - - - -	" -	Barnstaple, N. Devo
	12	3	Actinocrinus - - -	" -	N. Devon.
	13	1	" - - - -	" -	"
	14	1	" - - - -	" -	"
	15	1	" - - - -	" -	Braunton, N. Devon
	16	2	" - - - -	" -	" "
	17	1	" - - - -	" -	" "
	18	1	" - - - -	" -	" "
VI.	1	5	Cyathocrinus macrodactylus?	" -	N. Devon.
	2	3	" " -	Pilton Beds	Pilton.
	3	1	" - - -	Marwood B.	Braunton, N. Devo
	4	1	Platycrinus (Adelocrinus) hystrix.	Pilton Beds.	Brushford, N. Devo
	5	1	" " -	" -	Braunton Down.
	6	2	" - - - -	" -	Barnstaple.
	7	3	Rhodocrinus - - -	" -	Braunton Down.
	8	1	Protaster - - - -	" -	" "
	9	2	" - - - - -	" -	" "
	10	1	" - - - - -	" -	" "
	11	2	" - - - - -	" -	N. Devon.
	12	2	" - - - - -	" -	"
	13	1	" - - - - -	" -	Braunton Down.
	14	1	Palæaster - - - -	" -	Braunton Down.
	15	1	" - - - -	" -	N. Devon.
	16	1	" - - - -	" -	Park, near Braun
	17	2	Palæchinus - - - -	" -	N. Devon.
	18	3	" - - - -	" -	East of Barnstapl
	19	1	Fenestella antiqua - -	" -	N. Devon.
	20	1	" plebeia - -	" -	Braunton Down
	21	2	Orthoceras striatum - -	" -	N. Devon.
	22	2	" - - - -	" -	"
	23	1	" imbricatum -	" -	Baggy Point, N.

LOWER GALLERY.

PALÆOZOIC DIVISION.

CARBONIFEROUS SERIES. (Flat Cases 36 to 49.)

E.—CARBONIFEROUS GROUP. SECT. I.

FLAT CASES XXXVI. to XLIX.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXXVI.	1	2	Cypris Scoto-Burdigalensis -	Lower Carboniferous.	Burdie House.
	2	1	" " " -	" -	Myalina Bed, Fife Coast. Pitmilly Barn, 5 m. S. of St. Andrews.
	3	1	" " " -	" -	Burdie House, Edinboro.
	4	5	" " " -	" -	N. of Anstruther, Myalina Bed.
	5	6	Cythere - - - -	" -	S. of Knocktopher, Kilkenny.
	6	1	Dithyrocaris Colei - -	" -	Clogher, Tyrone.
	7	2	" " - - -	" -	" "
	8	2	" " - - -	" -	" "
	9	1	" testudineus - -	" -	Ardross Castle, Fife.
	10	1	" " - -	" -	Glasgow Coal-field.
	11	1	" orbicularis - -	" -	Co. Derry, Ireland.
	12	1	Limulus trilobitoides -	" -	Maghera, Derry, "
	13	4	Phillipsia Brongniarti -	" -	Bristol.
	14	3	" " - -	" -	Clifton Hotwells.
	15	3	" " - -	" -	Burrington Combe.
	16	4	" Eichwaldi - -	" -	Sunderland.
	17	4	Athyris ambigua - -	" -	Kildress, Tyrone.
	18	1	Spirifer triangularis [1] - -	" -	Stackpole.
	19	1	" laxa - - -	" -	Maghera, Culmoney, and Fermanagh.
	20	1	" octoplicatus - -	" -	Blagdon Mendips.
	21	3	" bisulcatus - -	" -	" "
	22	1	" laminosus - -	" -	Stackpole.
	23	4	Rhynchonella pleurodon -	" -	West Angle bay.
	24	2	" " -	" -	Kildress, Tyrone.
	25	3	Strophomena analoga -	" -	Blagdon Mendips.
	26	2	" " -	" -	Cook'sfolly Wood, Bristol.
	27	2	Streptorhynchus crenistria -	" -	Blagdon Mendips.
	28	2	Discina - - - -	" -	Bone Bed L. L. Shales, Leigh Wood.
	29	2	" nitida - - -	" -	St. Andrews (Club House), Fife.
	30	3	Lingula elliptica - -	" -	" "

[1] Presented by Sir R. I. Murchison.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXXVII	1	1	Aviculopecten deornatus -	Lower Carboniferous.	Fermanagh.
	2	2	„ transversus -	„ -	Errigle, Keerogue.
	3	1	„ - - - -	„ -	Co. Derry.
	4	1	„ plicatus -	„ -	Errigle, Keerogue.
	5	1	„ quinquelineatus	„ -	Fermanagh, Ireland.
	6	1	„ arenosus -	„ -	Knock Hill Quarry, Strathkennys.
	7	3	Pterinea Thompsoni - -	„ -	Fermanagh.
	8	2	Posidonomya lateralis - -	„ -	Old Head, Kinsale.
	9	1	„ Becheri [1] - -	„ -	Poolvash.
	10	2	„ membranacea -	„ -	Rush.
	11	10	„ complanata -	„ -	Co. Derry.
	12	4	Modiola - - - -	„ -	Cambo Ness, Kingsbarnes, Fife.
	13	3	„ Macadami - -	„ -	Ballynascreen, Tyrone.
	14	1	„ subparallela - -	„ -	Ireland.
	15	1	Lithodomus dactyloides -	„ -	Ballyrascreen, Tyrone.
	16	4	Myalina - - - -	„ -	Maiden Rock, St. Andrews.
	17	2	Schizodus - - - -	„ -	Knock Hill Quarry, Strathkennys.
	18	1	„ - - - -	„ -	Cambo Ness, Kingsbarnes, Fife.
	19	1	Pleurorhynchus fusiforme -	„ -	Malahide, Dublin.
	20	1	„ „	„ -	„ „
	21	1	Anthracosia - - - -	„ -	N. of Crail.
	22	1	„ - - - -	„ -	Cambo Ness, Kingsbarnes.
	23	4	Edmondia tricostata - -	„ -	Drumkeeran, Fermanagh.
	24	3	„ unioniformis -	„ -	Cockburnspath, Cove.
	25	1	Allorisma - - - -	„ -	Knock Hill Quarry, Strathkennys.
	26	1	Anthracomya - - -	„ -	Slateford, Edinboro', St. Andrews.
	27	1	„ - - - -	„ -	„ „ „
	28	1	Sanguinolites - - -	„ -	Knock Hill Quarry, Strathkennys.
	29	1	„ plicatus - -	„ -	Benburb, Tyrone.
	30	2	„ undatus - -	„ -	Clogher „
	31	2	Ctenodonta brevirostrum -	„ -	No. 1, Fermanagh. „ 2, Benburb, Tyrone.
	32	5	Curtonotus Unio - -	„ -	West Angle Bay, South.
	33	5	„ „ - -	„ -	„ „
	34	5	„ - - - -	„ -	„ „
	35	2	Murchisonia elongata - -	„ -	Dromard, Draperstown.
	36	3	Acroculia tubifer - -	„ -	Skrinkle, Pembrokeshire.
	37	3	„ canaliculata -	„ -	„ „
	38	1	Chemnitzia curvilinea -	„ -	„ „
	39	1	Natica plicistria - - -	„ -	Leigh Wood, Bristol.
	40	1	Bellerophon interlineatus -	„ -	Drumkeeran, Fermanagh
	41	1	„ D'Orbignii -	„ -	Tyrone.
	42	1	„ apertus - -	„ -	Stackpole.
	43	1	„ cornu-arietis -	„ -	„

[1] Presented by Rev. J. G. Cumming.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXXVIII	1	1	Cyprella chrysalidea -	Carboniferous Limestone.	No. 1, Poolvash, Isle of Man. No. 2, Longnor, Derbyshire.
	2	3	Entomoconchus Scouleri -	" -	Park Hill, Longnor.
	3	4	" " -	" -	" "
	4	1	" " -	" -	Ireland.
	5	1	" " -	" -	Poolvash.
	6	1	Leperditia subrecta - -	" -	Fermanagh.
	7	2	" Scoto-Burdigalensis	" -	"
	8	1	" " " -	" -	½ m.S. of Mitchel Dean.
	9	1	" " " -	" -	Near Carluke.
	10	3	Cypridina primæva - -	" -	Park Hill, Longnor.
	11	4	" [1] - - - -	" -	"
	12	7	Cythere [2] - - - -	" -	Ashford, Derbyshire.
	13	1	Cytheropsis [2] - - -	" -	Near Carluke.
	14	1	Beyrichia - - - -	" -	Park Hill, Longnor.
	15	3	" arcuata [3] - -	" -	Bathgate Coal-field.
	16	1	Palæocrangon socialis [4] -	" -	Ardross Castle, Fife.
	17	1	Dithyrocaris - - -	" -	St. Monans, Fife.
	18	3	Brachymetopus ouralicus -	" -	No. 1, Dovedale, Alstonfield. " 2, Longnor, Derbyshire.
	19	3	" " -	" -	Dovedale, Alstonfield, Derbyshire.
	20	2	" M'Coyii -	" -	Kildare, Ireland.
	21	2	" " -	" -	Cork.
	22	8	Phillipsia Derbiensis -	" -	Longnor, Derbyshire.
	23	2	" " - -	" -	Park Hill, Longnor.
	24	7	" " - -	" -	Clonfeacle, Tyrone.
	25	1	" pustulata - -	" -	Ardpodien, Kildare.
	26	5	" " - -	" -	Hook, Wexford.
	27	1	" " - -	" -	" "
	28	3	" seminifera - -	" -	Ashford, Derbyshire.
	29	3	" " - -	" -	" "
	30	4	" " - -	" -	Park Hill, Longnor.
	31	1	" " - -	" -	Linney Head, Pembroke.
	32	1	" gemmulifera -	" -	Bakewell.
	33	2	" carinata - -	" -	Derbyshire.
	34	1	" Brongniartii -	" -	"
	35	3	" sp. - -	" -	Vallis Vale, Frome.
	36	4	" " - -	" -	Kendal.
	37	1	" " - -	" -	Doddiscombe, Devonshire.
	38	1	Griffithides Eichwaldi [5] - -	" -	Fifeshire.
	39	1	" " -	" -	Near Glasgow.
	40	2	" " -	" -	Lundin, Fife.
	41	2	" " -	" -	Clatteringwell Quarry, Kinnesswood.
	42	1	" " -	" -	Falkland, Kinnesswood, Kinross.
	43	3	" globiceps [6] -	" -	Castlemaine, Kerry.

[1] Presented by the Rev. J. G. Cumming. [2] Presented by Dr. Rankine.
[3] " —Young, Esq. [4] " the Rev. T. Brown.
[5] " J. Morris, Esq. [6] " T. Weaver, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXXVIII	44	1	Griffithides globiceps - -	Carboniferous Limestone.	Ireland.
	45	2	" " - -	" -	Kildare.
	46	6	" longiceps - -	" -	Llangollen.
	47	3	" " - -	" -	Ashford, Derbyshire.
	48	1	" " - -	" -	Carnteel, Tyrone.
	49	2	" " - -	" -	Gt. Orme's Hd, Conway.
	50	3	" " - -	" -	Carluke, Hamilton.
	51	2	" " - -	" -	Bakewell.
	52	2	" " - -	" -	"
	53	5	" " - -	" -	"
	54	1	" longispinus -	" -	Carnteel, Tyrone.
	55	1	" platyceps - -	" -	Tyrone.
	56	5	" sp. - -	" -	Northumberland.
	57	1	" " - -	" -	Castle Mumbles, Glamorganshire.
	58	2	" " [1] - -	" -	Black rock, Cork.
	59	1	" " [2] - -	" -	Lanarkshire.
	60	1	" " - -	" -	N. of Longnor.
XXXIX.	1	4	Terebratula hastata - -	" -	Park Hill, Longnor, Derbyshire.
	2	5	" " - -	" -	Castlemaine, Kerry.
	3	5	" " - -	" -	Park Hill, Longnor.
	4	5	" " - -	" -	" "
	5	11	" sacculus - -	" -	Dovedale, Derbyshire.
	6	11	" " - -	" -	Rigeston Grange, Cromford.
	7	10	" " - -	" -	Park Hill, Derbyshire.
	8	4	" vesicularis -	" -	Pilsbury Castle, Derbyshire.
	9	2	" Gillingensis -	" -	Near Glasgow.
	10	5	Spirifer striatus - - -	" -	Dovedale, Derbyshire, No. 1, Castleton. " 2, Alstonfield.
	11	5	" " - - -	" -	Ireland.
	12	7	" " - - -	" -	Park Hill, Longnor.
	13	5	" " - - -	" -	Dovedale, Derbyshire.
	14	1	" " - - -	" -	Ireland.
	15	4	" duplicicostatus [3] -	" -	Polvash, Isle of Man.
	16	5	" " - - -	" -	Park Hill, Longnor.
	17	1	" " - -	" -	Near Louseley, Derbyshire.
	18	6	" " - -	" -	Park Hill, Longnor.
	19	3	" " - -	" -	Near Glasgow.
	20	8	" bisulcatus - -	" -	No. 1, Dovedale. " 2, Poolvash and Yorkshire.
	21	5	" " - -	" -	Mold.
	22	3	" " - -	" -	Crich Quarry, Derbyshire.
	23	4	" " - -	" -	Rowdale House, Bakewell.

[1] Presented by Jos. Wright, Esq. [2] Presented by W. Grossart, Esq.
[3] Presented by the Rev. J. G. Cumming.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXXIX.	24	3	Spirifer bisulcatus - -	Carboniferous Limestone.	Ashford, Bakewell.
	25	6	" " - -	" -	Park Hill, Longnor.
	26	3	" " - -	" -	Near Glasgow.
	27	2	" " - -	" -	Llangollen.
	28	6	" grandicostatus - -	" -	Bakewell.
	29	7	" " - -	" -	Park Hill, Derbyshire.
	30	2	" attenuatus - -	" -	Hook, Wexford.
	31	3	" " - -	" -	Mendip Hills.
	32	3	" "[1] - -	" -	Castlemaine, Kerry.
	33	3	" integricosta - -	" -	Dovedale, Derbyshire.
	34	1	" " - -	" -	Alstonfield, "
	35	1	" triangularis - -	" -	Bryn Davin.
	36	2	" " - -	" -	Matlock, Derbyshire.
	37	2	" " - -	" -	Kendal.
	38	1	" distans - - -	" -	Ireland, co. Cork.
	39	3	" - - - -	" -	Hook Point, Ireland.
	40	6	" laminosus - -	" -	" "
	41	1	" " - -	" -	N. of Ireland.
	42	2	" " - -	" -	Yorkshire.
	43	1	" cristatus - - -	" -	Bryn Davin.
	44	19	" " - - -	" -	Oswestry.
	45	1	" - - - -	" -	Kendal.
	46	7	" insculptus - -	" -	Park Hill.
	47	4	" " - - -	" -	Alstonfield.
	48	1	" crassus - - -	" -	Yorkshire.
	49	7	" cuspidatus - -	" -	No. 1, Dovedale. " 2, Tintern.
	50	2	" " - - -	" -	Hook Point, Ireland.
	51	2	" " - - -	" -	Kendal.
	52	1	" " - - -	" -	Forest of Dean.
	53		" triradialis - -	" -	Ireland.
	54		" trisulcatus - -	" -	Yorkshire.
	55		" ovalis - - -	" -	Bogie, Kirkaldy.
	56		" " - - -	" -	Longnor.
	57		" " - - -	" -	Ireland.
	58		" " - - -	" -	Yorkshire.
	59		" Urii - - -	" -	Dunfermline, Fife.
XL.	1	1	" princeps[2] - -	" -	Ireland.
	2	5	" pinguis - - -	" -	Kildare.
	3	1	" " - - -	" -	Yorkshire.
	4	5	" " - - -	" -	Ireland.
	5	2	" " - - -	" -	N. of Ireland.
	6	1	" " - - -	" -	Glasgow.
	7	18	" glaber - - -	" -	Park Hill, Longnor.
	8	5	" " - - -	" -	Dovedale.
	9	1	" " - - -	" -	N. of Ireland.
	10	3	" "[3] - - -	" -	Poolvash, Isle of Man.
	11	2	" " - - -	" -	Park Hill.
	12	3	" " - - -	" -	N. of Ireland.
	13	5	" " - - -	" -	Park Hill, Derbyshire.
	14	5	" lineatus[1] - - -	" -	Castlemaine, Derry.

[1] Presented by J. Weaver, Esq. [2] Presented by W. G. Brooke, Esq.
[3] Presented by the Rev. J. G. Cumming.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XL.	15	4	Spirifer lineatus - - -	Carboniferous Limestone.	Lesmahago.
	16	12	„ „ - - -	„ -	Dovedale and Castlemaine.
	17	3	„ rhomboideus - -	„ -	N. of Ireland.
	18	5	„ ellipticus - - -	„ -	Ireland.
	19	2	Cyrtina septosa - - -	„ -	Park Hill, Longnor.
	20	4	„ „ - - -	„ -	„ „
	21	1	„ „ - - -	„ -	Ashby-de-la-Zouche.
	22	4	„ carbonarius - -	„ -	Kendal.
	23	6	Athyris Roysii - - -	„ -	Ireland.
	24	3	„ „ - - -	„ -	„
	25	2	„ „ - - -	„ -	„
	26	5	„ „ - - -	„ -	Hook Point, Wexford.
	27	4	„ „ - - -	„ -	No. 1, Yorkshire. „ 2, Ulverstone.
	28	6	„ expansa - - -	„ -	Hitter Hill, Longnor.
	29	3	„ „ - - -	„ -	Kendal.
	30	1	„ microgemma - -	„ -	Yorkshire.
	31	14	„ ambigua - -	„ -	Bakewell, Derbyshire.
	32	7	„ „ - - -	„ -	„
	33	21	„ „ - - -	„ -	Near Glasgow.
	34	10	„ „ - - -	„ -	Llangollen.
	35	6	„ „ - - -	„ -	HalkinMountain, Holywell.
	36	3	„ „ - - -	„ -	Lesmahago.
	37	3	„ „ - - -	„ -	Derbyshire.
	38	2	„ lamellosa [2] - -	„ -	Castlemaine, Kerry.
	39	3	„ „ - - -	„ -	Dovedale, Ireland.
	40	2	„ „ - - -	„ -	Hook, Wexford.
	41	2	„ planosulcata - -	„ -	Longnor, Derbyshire.
	42	1	„ „ [1] - -	„ -	Lancashire.
	43	5	„ „ - -	„ -	No. 1, Castleton, Derbyshire. „ 2, Lesmahago.
	44	7	„ subtilita [2] - -	„ -	Castlemaine, Kerry.
	45	1	„ „ - - -	„ -	Park Hill, Derbyshire.
	46	1	„ - - - - -	„ -	Dovedale, „
	47	1	„ - - - - -	„ -	Mold, Flintshire.
	48	3	„ globularis - -	„ -	Yorkshire.
	49	1	Retzia radialis - - -	„ -	Lesmahago.
	50	2	„ „ - - -	„ -	N. of Ireland.
	51	2	„ „ - - -	„ -	Cromford, Derbyshire.
	52	1	„ carbonaria - - -	„ -	Skrinkle, Pembrokeshire.
	53	2	„ Ulstrix - - -	„ -	Wetton, nr. Alstonfield.
	54	2	„ - - - - -	„ -	Kirkcaldy, Fife.
	55	1	„ - - - - -	„ -	Wetton, Derbyshire.
	56	2	„ - - - - -	„ -	Chepstow Wind Cliff, Tintern Abbey.
XLI.	1	10	Rhynchonella acuminata -	„ -	Park Hill, Longnor, Derbyshire.
	2	2	„ reniformis [2] -	„ -	Cork.

[1] Presented by J. Sowerby, Esq. [2] Presented by J. Weaver, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XLI.	3	2	Rhynchonella reniformis -	Carboniferous Limestone.	Ireland.
	4	1	" " [1] -	" -	Kildare.
	5	3	" trilatera - -	" -	Alstonfield, Derbyshire.
	6	1	Rhynchonella flexistria -	" -	Yorkshire.
	7	11	" seminula -	" -	Longnor.
	8	5	" angulata [2] -	" -	Poolvash, Isle of Man.
	9	2	" " -	" -	Kildare.
	10	3	" pugnus [3] -	" -	Castlemaine, Kerry.
	11	2	" " -	" -	Raven Craig Castle, Fife.
	12	3	" " -	" -	Dovedale, Derbyshire.
	13	8	" " -	" -	Park Hill, Longnor.
	14	11	" " -	" -	Dovedale, Derbyshire.
	15	9	" " -	" -	Near Glasgow.
	16	10	" " -	" -	"
	17	16	" pleurodon -	" -	Oswestry.
	18	9	" " -	" -	Mitchel Dean.
	19	10	" " -	" -	Park Hill, Longnor.
	20	7	" " -	" -	Dovedale, Derbyshire.
	21	9	" - - -	" -	" "
	22	7	" " -	" -	Castlemaine, Kerry.
	23	10	Camarophoria Schlotheimii -	" -	Dovedale, Derbyshire.
	24	1	" " -	" -	Mold, Flintshire.
	25	8	Orthis resupinata - - -	" -	Park Hill, Derbyshire.
	26	12	" " - - -	" -	" "
	27	1	" " - - -	" -	N. of Ireland.
	28	5	" " [2] - - -	" -	Poolvash, Isle of Man.
	29	1	" " - - -	" -	Ireland.
	30	6	" Michelina [4] - -	" -	No. 1, Ulverstone. " 2, Yorkshire.
	31	4	" " - -	" -	Cromford, Derbyshire.
	32	5	" " - -	" -	Oswestry.
	33	2	" Keyserlingiana - -	" -	Settle, Yorkshire.
	34	3	Streptorhynchus crenistria -	" -	Longnor, Derbyshire.
	35	5	" " -	" -	Hook, Wexford.
	36	3	" " -	" -	Park Hill, Derbyshire.
	37	1	" " -	" -	Hook, Wexford.
	38	1	" " -	" -	Oswestry.
	39	1	" " -	" -	N. of Ireland.
	40	13	Strophomena analoga -	" -	Park Hill, Longnor.
	41	1	" " - -	" -	" "
	42	1	" " - -	" -	N. of Ireland.
	43	2	" " [5] - -	" -	Redesdale, Northumberland.
	44	2	" " - -	" -	Hook, Wexford.
	45	1	" " - -	" -	Mendip Hill.
	46	1	Chonetes comoides - -	" -	Bryn David, Mold.
	47	1	" " - -	" -	Trefonen.
	48	1	" convoluta - -	" -	Bristol.
	49	5	" tuberculata - -	" -	Skrinkle Bay, Pembrokeshire.

[1] Presented by S. P. Pratt, Esq. [2] Presented by the Rev. J. G. Cumming.
[3] " J. Weaver, Esq. [4] " W. Salmon, Esq.
[5] Presented by H. McLauchlan, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XLI.	50	14	Chonetes Hardrensis - -	Carboniferous Limestone.	Railway, E. Barnes, Dunbar.
	51	14	" " - -	" -	Steeraway, Shropshire.
	52	4	" " - -	" -	Halkin Mountain, and Oswestry.
	53	4	" sulcata - - -	" -	Charlestown, Queensferry, Fife.
	54	4	" papilionacea -	" -	Sims Hill, Wrington.
	55	2	" concentrica - -	" -	Clatteringwell Quarry, Kinnesswood, Kinross.
	56	5	Strophalosia striata - -	" -	Park Hill, Longnor, Derbyshire.
	57	5	" " - -	" -	" "
XLII.	1	4	Productus giganteus - -	" -	Longnor, Derbyshire.
	2	1	" " - -	" -	Mold, Flintshire.
	3	1	" " - -	" -	Lesmahago.
	4	3	" " - -	" -	No. 1, Derbyshire; " 2, Ireland.
	5	1	" " - -	" -	Lesmahago.
	6	1	" " - -	" -	N. of Ireland.
	7	1	" " - -	" -	Lilleshall, Wellington.
	8	1	" " - -	" -	Park Hill, Derbyshire.
	9	11	" longispinus - -	" -	Railway, E. Barns, Dunbar.
	10	6	" " - -	" -	Great Orme's Head, Conway.
	11	8	" " - -	" -	Oswestry.
	12	8	" " - -	" -	Carluke, Hamilton.
	13	5	" " - -	" -	No. 1, Mold; " 2, Kendal.
	14	1	" rugatus - -	" -	Glasgow.
	15	2	" proboscideus -	" -	Settle, Yorkshire.
	16	2	" quincuncialis -	" -	Tyrone.
	17	1	" Leuchtenbergensis?	" -	Dracy, 2 m. S. E. of Dalkeith.
	18	1	" carbonarius - -	" -	Near Glasgow.
	19	2	" Scoticus - -	" -	No. 1, Longnor, Derbyshire. " 2, Leigh Woods, Bristol.
	20	8	" aculeatus - -	" -	No. 1, Longnor, Derbyshire. " 2, Haddon Field, Bakewell.
	21	3	" " [1] - -	" -	Poolvash.
	22	2	" var. - -	" -	No. 1, Llangollen. " 2, Lesmahago.
	23	3	" pyxidiformis - -	" -	Ireland.
	24	4	" " - -	" -	No. 1, Derbyshire. " 2, Yorkshire.
	25	5	" pustulosus - -	" -	No. 1, Longnor. " 2, Yorkshire. " 3, Ireland.

[1] Presented by the Rev. J. G. Cumming.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XLII.	26	2	Productus semireticulatus -	Carboniferous Limestone.	No. 1, Ashford. „ 2, Longnor.
	27	6	„ „ - -	„ -	Park Hill, Longnor.
	28	2	„ „ - -	„ -	Castleton, Derbyshire.
	29	1	„ „ - -	„ -	Ticknall, Ashby-de-la-Zouche.
	30	4	„ „ - -	„ -	No. 1, Oswestry. „ 2, Yorkshire.
	31	1	„ „[1] - -	„ -	Redesdale, Northumberland.
	32	4	„ „ - -	„ -	Llangollen.
	33	4	„ „ - -	„ -	Ireland.
	34	6	„ spinulosus - -	„ -	Auchinleek, Glasgow.
	35	3	„ scabriculus - -	„ -	Derbyshire.
	36	2	„ „ - -	„ -	Park Hill, Longnor.
	37	1	„ sublævis - -	„ -	Llangollen.
	38	1	„ punctatus - -	„ -	„
	39	1	„ „ - -	„ -	N. of Ireland.
	40	2	„ „ - -	„ -	No. 1, Near Glasgow. „ 2, Lesmahago.
	41	2	„ plicatilis - -	„ -	Park Hill, Longnor, Derbyshire.
	42	3	„ „ - -	„ -	Ireland.
	43	1	„ hemisphericus -	„ -	Castleton, Derbyshire.
	44	3	„ „ -	„ -	Longnor, Park Hill, Derbyshire.
	45	7	„ costatus - -	„ -	Richmond, Yorkshire.
	46	9	„ fimbriatus - -	„ -	Park Hill, Longnor, Derbyshire.
	47	2	„ „ - -	„ -	Lesmahago, Lanarkshire.
	48	7	Hypodema (Calceola) Dumontiana.	„ -	Longnor, Derbyshire.
XLIII.	1	2	Discina nitida - - -	„ -	N. of Ireland.
	2	11	„ „ - - -	„ -	Glasgow, Hamilton.
	3	4	„ „ - - -	„ -	Redesdale.
	4	1	Lingula Scotica - - -	„ -	Near Carluke.
	5	1	„ „ - - -	„ -	Lesmahago.
	6	11	„ squamiformis - -	„ -	Glasgow.
	7	3	„ mytiloides - -	„ -	Moor Edge Barn, Bakewell.
	8	3	„ „ - -	„ -	Tyrone.
	9	1	„ marginata - -	„ -	
	10	3	Anomia - - - -	„ -	Longnor, Derbyshire.
	11	5	Aviculopecten fimbriatus -	„ -	1, High Tor, Matlock, 2, Longnor.
	12	7	„ intercostatus -	„ -	Longnor, Derbyshire.
	13	1	„ - - -	„ -	Drumkeeran, Fermanagh.
	14	2	„ Sowerbyii -	„ -	Longnor, Derbyshire.
	15	1	„ Sedgwickii -	„ -	Dovedale, „
	16	1	„ cognatus -	„ -	Park Hill, „
	17	1	„ stellaris - -	„ -	Near Glasgow.

[1] Presented by H. McLauchlan, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XLIII.	18	3	Aviculopecten valdaicus -	Carboniferous Limestone.	Carluke.
	19	1	" " -	" -	Lesmahago.
	20	3	" dissimilis -	" -	Kildare.
	21	1	" concavus -	" -	Park Hill, Longnor.
	22	2	" " -	" -	Kildare.
	23	4	" depilis - -	" -	Park Hill, Longnor.
	24	4	" planoradiatus	" -	" " "
	25	1	" hians - -	" -	Ireland.
	26	3	" " - -	" -	Park Hill, Longnor.
	27	2	" tesselatus -	" -	Haddon fields, Bakewell.
	28	5	" sublobatus -	" -	Park Hill, Longnor.
	29	4	" " -	" -	" " "
	30	1	" cælatus -	" -	" " "
	31	1	" flexuosus -	" -	Kilbride, nr. Glasgow.
	32	1	" priscus - -	" -	Park Hill, Longnor.
	33	3	" granosus -	" -	Ireland.
	34	2	" " -	" -	Park Hill, Longnor.
	35	1	" semicostatus -	" -	Carnteel, Ireland (Tyrone).
	36	3	" macropterus -	" -	Bakewell, Derbyshire.
	37	1	" quinquelineatus	" -	Kildare.
	38	1	" flabellulum -	" -	Carluke.
	39	3	" - - -	" -	"
	40	4	" alternatus -	" -	Grosford.
	41	3	" ellipticus -	" -	Park Hill, Longnor.
	42	1	" - - -	" -	Kildare.
	43	1	Avicula lævigata - - -	" -	Kirkcaldy.
	44	1	" cycloptera - -	" -	Near Glasgow.
	45	6	" rugosa - -	" -	"
	46	1	Pteronites semisulcatus -	" -	Carluke.
	47	1	" persulcatus -	" -	Lesmahago.
	48	3	" angustatus -	" -	Park Hill, Longnor.
	49	3	Bakewellia ceratophaga -	" -	Pilsbury, "
	50	4	Gervillia laminosa - -	" -	Park Hill, "
	51	4	" - - - -	" -	Pilsbury, "
	52	4	Posidonomya vetusta - -	" -	Park Hill, "
	53	1	" lateralis - -	" -	N. of England.
	54	1	" " - -	" -	Swimbridge, Devon.
	55	1	" tuberculata -	" -	" "
	56	1	Pinna flabelliformis - -	" -	Carnteel, Tyrone.
	57	2	" costata - - -	" -	Park Hill, Longnor.
XLIV.	1	6	Myalina lamellosa - -	" -	Longnor, Derbyshire.
	2	12	" - - - -	" -	" "
	3	1	" Verneuilii - -	" -	Lesmahago.
	4	6	" crassa - - -	" -	S. of Pitlessie, Cults, Fife.
	5	2	" " - - -	" -	Carluke.
	6	1	Modiola elongata? - -	" -	Park Hill, Longnor.
	7	1	" - - - -	" -	" " "
	8	2	Mytilus comptus? - -	" -	Lesmahago.
	9	3	Lithodomus dactyloides - -	" -	Longnor, Derbyshire.
	10	1	" - - - -	" -	Killmallock.
	11	5	Arca squamifera - - -	" -	Park Hill, Longnor.

ase.	Tablet.	Specimen.	Name.	Formation.	Locality.
LIV.	12	2	Arca reticulata - -	Carboniferous Limestone.	Park Hill, Longnor.
	13	1	„ cancellata - - -	„ -	„ „ „
	14	2	„ Lacordairiana - -	„ -	Clatteringwell Qy., Kinnesswood, Kinross.
	15	1	„ decussata - - -	„ -	Pilsbury, Longnor.
	16	1	„ - - - - -	„ -	Ireland.
	17	1	„ obtusa - - - -	„ -	Park Hill, Longnor, Derbyshire.
	18	4	Axinus axiniformis - -	„ -	Redesdale.
	19	1	Schizodus [1] - - - -	„ -	Holy Isle, Northumberland.
	20	6	Pleurorhynchus hibernicus -	„ -	St. Doolagh's, Dublin.
	21	1	„ „ -	„ -	Ireland.
	22	7	„ aliformis -	„ -	Longnor, Derbyshire.
	23	1	„ „ -	„ -	Potmetal Plantation, Kirkcaldy.
	24	5	„ elongatus -	„ -	Longnor, Derbyshire.
	25	3	„ minax -	„ -	Enniskillen, Fermanagh.
	26	1	„ „ -	„ -	Halberton.
	27	1	„ trigonalis -	„ -	Lesmahago.
	28	1	Cardiomorpha corrugata -	„ -	Dublin.
	29	1	„ „ -	„ -	Kildare.
	30	3	„ lamellosa -	„ -	Park Hill, Longnor.
	31	3	„ oblonga -	„ -	No. 1, Ireland. „ 2, Longnor, Derbyshire.
	32	1	„ „ [2] -	„ -	Anglinish Island, Limerick.
	33	I	„ - - -	„ -	Longnor, Derbyshire.
	34	1	Sanguinolites tricostatus [2] -	„ -	Killmallock.
	35	1	„ „ -	„ -	Park Hill, Derbyshire.
	36	2	„ iridinoides -	„ -	Clatteringwell Qy., Kinnesswood, Kinross.
	37	1	„ „ - -	„ -	Birkwood, Lesmahago.
	38	2	„ rhombea -	„ -	Dovedale, Derbyshire.
	39	1	„ costellatus -	„ -	Kildare.
	40	5	„ „ - -	„ -	Gask, 5 m. N. of Dunfermline.
	41	1	„ „ [3] -	„ -	Lanarkshire.
	42	1	„ Ansticei [4] -	„ -	N. of Longnor, Derbyshire.
	43	1	„ primævus -	„ -	Carnteel, Tyrone.
	44	1	Edmondia sulcata - -	„ -	Donaghenry, Tyrone.
	45	1	„ „ [5] - -	„ -	Yorkshire.
	46	2	„ lamellosa - -	„ -	Longnor, Derbyshire.
	47	1	„ maxima - -	„ -	Donaghenry, Tyrone.
	48	1	„ - - - -	„ -	Longnor, Derbyshire.
	49	1	„ - - - -	„ -	Pilsbury, Longnor.
	50	2	„ transversa - -	„ -	Fermanagh.
	51	1	„ unioniformis [5] -	„ -	Yorkshire.

[1] Presented by — Tate, Esq.
[2] Presented by the Irish Survey.
[3] „ — Rolls, Esq.
[4] „ — Rosser, Esq.
[5] Presented by the Manchester Geological Society.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XLIV.	52	1	Edmondia unioniformis -	Carboniferous Limestone.	Kildare.
	53	2	" " - -	" -	Park Hill, Longnor.
	54	1	" " - -	" -	Errigle, Keerogue, Tyrone.
	55	1	Lucina Egertoni - - -	" -	Ireland.
	56	10	Cypricardia - - - -	" -	Roscobie Hill, 5 m. N. of Dunfermline.
	57	5	Venus parallela - - -	" -	Pilsbury, Derbyshire.
	58	2	Pullastra bistriata - - -	" -	Benburb, Tyrone.
	59	4	" " - - -	" -	Park Hill, Longnor.
	60	1	Pleurophorus costatus - -	" -	" " "
	61	2	Solenomya - - - -	" -	Bakewell, Derbyshire.
	62	2	" primæva - -	" -	Aghaloo, Tyrone.
	63	1	" " - -	" -	Near Glasgow.
	64	1	" radiata - -	" -	Ardross Castle, Fife.
	65	1	" - - - -	" -	Armagh.
	66	1	Solen pelagicus - - -	" -	Clogher, Tyrone.
	67	3	" - - - - -	" -	Littleshall, Wellington.
XLV.	1	12	Ctenodonta tumida - -	" -	Llin, 4 m. N. of Dunfermline.
	2	5	" " - -	" -	" "
	3	2	" " - -	" -	Edinburgh.
	4	4	" " - -	" -	Redesdale, near Howse, Northumberland.
	5	3	" " - -	" -	Roscobie Hill, 5 m. N. of Dunfermline.
	6	12	" " - -	" -	Near Glasgow.
	7	9	" attenuata - -	" -	Railway, East Barns, Dunbar.
	8	5	" " - -	" -	Charlestown, Queensferry, Fife.
	9	7	" " - -	" -	Roscobie Hill, 5 m. N. of Dunfermline.
	10	7	" " - -	" -	No. 1, Auchinbeg, Lesmahago.
					" 2, Hawkshaw Fell, Northumberland.
	11	3	" " - -	" -	Charlestown, Queensferry, Fife.
	12	3	" " - -	" -	Llinn, 4 m. N. of Dunfermline.
	13	12	" luciniformis -	" -	Glasgow, Hamilton, Carluke.
	14	1	Cylindrites carbonarius -	" -	Critch, 8 m. S.E. of Matlock.
	15	4	Dentalium ingens - -	" -	Park Hill, Longnor.
	16	4	" " - -	" -	" "
	17	6	" priscum - -	" -	Llin Quarry, N.W. of Dunfermline, Fife.
	18	6	" " - -	" -	Railway, East Barns, Dunbar.
	19	2	Murchisonia - - -	" -	Abergelli.
	20	1	" angulata - -	" -	"

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XLV.	21	2	Murchisonia angulata - -	Carboniferous Limestone.	Kendal.
	22	8	,, biserrata - -	,, -	Critch, Cromford.
	23	2	,, trilineata - -	,, -	Fife Coast.
	24	1	,, quadricarinata -	,, -	Glasgow.
	25	1	,, Humboldtiana -	,, -	Derbyshire.
	26	1	,, sulcifera - -	,, -	Cullion, Co. Derry.
	27	4	Pleurotomaria vittata - -	,, -	Rowdale House, Bakewell.
	28	2	,, ,, - -	,, -	
	29	2	,, ,, - -	,, -	Kildare.
	30	4	,, atomaria -	,, -	Glasgow.
	31	12	,, ,, -	,, -	Llin. 3½ m. N.W. of Dunfermline.
	32	8	,, ,, -	,, -	No. 1, Duntocher. ,, 2, Ballinascreen, Tyrone.
	33	1	,, interstrialis -	,, -	Potmetal Plantation, Kirkcaldy.
	34	12	,, ,, -	,, -	Ashford, Bakewell.
	35	2	,, ,, -	,, -	Raven CraigCastle, Fife.
	36	1	,, usocona -	,, -	Fermanagh.
	37	3	,, carinata -	,, -	Park Hill, Longnor.
	38	1	,, ,, -	,, -	Limerick.
	39	3	,, monilifera -	,, -	Cookstown, Tyrone.
	40	1	,, serrilimba -	,, -	Mold.
	41	1	,, tornatilis -	,, -	Longnor, Derbyshire.
	42	3	,, gemmulifera -	,, -	,, ,,
	43	2	,, callosa -	,, -	,, ,,
	44	1	,, ,, -	,, -	Near Cork.
	45	1	,, cancellata -	,, -	Boundary of Tyrone and Monaghan.
	46	1	,, conica -	,, -	Longnor, Derbyshire.
	47	1	,, ,, -	,, -	,, ,,
	48	5	,, ,, -	,, -	Park Hill, Longnor.
	49	2	,, depressa -	,, -	,, ,,
	50	1	,, Ouralina -	,, -	,, ,,
	51	2	,, Yvanii -	,, -	Kildare.
	52	3	,, ,, -	,, -	Park Hill, Longnor.
	53	1	,, - - -	,, -	Kildare.
	54	2	,, - - -	,, -	Park Hill, Longnor, Derbyshire.
	55	2	,, - - -	,, -	No. 1, Pilsbury. ,, 2, Park Hill, Longnor.
	56	1	,, - - -	,, -	Pilsbury, Longnor, Derbyshire.
	57	3	,, - - -	,, -	Kendal, Westmoreland.
	58	3	Patella retrorsa - - -	,, -	Park Hill, Longnor.
	59	3	,, ,, - - -	,, -	,, ,,
	60	1	,, sinuosa - - -	,, -	Longnor, Derbyshire.
	61	7	,, mucronata - - -	,, -	,, ,,
	62	2	,, curvata - - -	,, -	Park Hill, Longnor.
	63	4	,, pileus - - -	,, -	,, ,,
	64	3	,, ,, - - -	,, -	,, ,,
	65	7	,, elliptica - - -	,, -	Longnor, Derbyshire.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XLV.	66	4	Euomphalus calyx - -	Carboniferous Limestone.	Longnor, Derbyshire.
	67	3	" " - -	" -	" "
	68	2	" " - -	" -	Ireland.
	69	1	" tabulatus - -	" -	Dovedale, Derbyshire.
	70	1	" " - -	" -	Kendal.
	71	3	" pentangulatus -	" -	Kildare.
	72	4	" " -	" -	Kildare and Limerick.
	73	5	" Dionysii -	" -	Longnor, Derbyshire.
	74	2	" " - -	" -	Ireland.
	75	10	" " - -	" -	Longnor, Derbyshire.
	76	3	" " - -	" -	" "
	77	1	" " - -	" -	Curraghbeg, Limerick.
	78	1	" bifrons - -	" -	Ireland.
	79	12	" carbonarius -	" -	Carluke, Glasgow, Hamilton, &c.
	80	1	" pileopsideus -	" -	Ireland.
	81	1	Platyschisma Tiara - -	" -	Kildare.
	82	1	" " - -	" -	Kendal.
	83	5	" helicoides -	" -	Longnor, Derbyshire.
	84	1	" - - -	" -	Cloonlara, Co. Clare.
	85	4	" - - -	" -	Park Hill, Longnor.
XLVI.	1	27	Trochus biserratus - -	" -	Craigenglen, Campsie.
	2	32	" " - -	" -	Glasgow.
	3	9	" Jamesii - -	" -	Longnor, Derbyshire.
	4	2	" lepidus - -	" -	Dovedale, Derbyshire.
	5	2	Turbo biserratus - -	" -	Critch, near Matlock.
	6	3	" - - - -	" -	" "
	7	7	" biserialis - -	" -	Park Hill, Longnor, Derbyshire.
	8	1	" - - - -	" -	St. Monans, Fife.
	9	1	" appropinquans - -	" -	Fermanagh.
	10	1	Trochella prisca - -	" -	Kildare.
	11	1	Phanerotinus nudus - -	" -	Great Ormes Head.
	12	1	" " - -	" -	Crossford, Lanark.
	13	3	" angiostomus -	" -	Longnor, Derbyshire.
	14	1	" serpula - -	" -	Dovedale, Derbyshire.
	15	10	Solarium radians - - -	" -	Llyn Quarry, Dunfermline, Fife.
	16	3	Acroculia trilobata - -	" -	Kildare.
	17	2	" " - -	" -	Ireland.
	18	5	" carinata - -	" -	Kildare.
	19	2	" - - - -	" -	Hook, Wexford.
	20	4	" striata - -	" -	Longnor, Derbyshire.
	21	4	" neritoides - -	" -	" "
	22	2	" vetusta - -	" -	Clitheroe, Yorkshire.
	23	1	" " - -	" -	Castleton, Derbyshire.
	24	1	Eulima - - - -	" -	Longnor, Derbyshire.
	25	2	" Phillipsiana - -	" -	Derbyshire Kendal.
	26	1	" suturalis - -	" -	Bakewell.
	27	1	Loxonema sulculosa -	" -	Cookstown, Tyrone.
	28	1	" rugifera - -	" -	Portmetal Plantation.
	29	6	" " - -	" -	East Barns, Dunbar.
	30	3	" constricta - -	" -	Park Hill, Longnor.
	31	1	" " - -	" -	Longnor, Derbyshire.

se.	Tablet.	Specimen.	Name.	Formation.	Locality.
VI.	32	1	Loxonema impendens - -	Carboniferous Limestone.	Kildare.
	33	1	" tenuistriata - -	" -	Aghalurcher, Tyrone.
	34	1	" - - - -	" -	Kendal.
	35	2	" - - - -	" -	Kildare.
	36	5	" scalaroidea - -	" -	Hamilton.
	37	1	" " - -	" -	Carluke, Glasgow.
	38	1	" " - -	" -	Yorkshire.
	39	2	Macrocheilus signilineus -	" -	Longnor, Derbyshire.
	40	6	" - - -	" -	" "
	41	3	" - - -	" -	" "
	42	2	" ovalis - -	" -	Aghalurcher, Tyrone.
	43	3	" " - -	" -	Llin, 4 m. N. of Dunfermline.
	44	1	" spiratus - -	" -	S. of Lochgelly.
	45	1	" percinctus -	" -	Derryloran, Tyrone.
	46	6	" acutus - -	" -	Longnor, Derbyshire.
	47	6	" " - -	" -	" "
	48	1	" " - -	" -	Near Glasgow.
	49	5	" imbricatus -	" -	Glasgow, Hamilton.
	50	4	" - - -	" -	Longnor, Derbyshire.
	51	4	" - - -	" -	Derbyshire.
	52	6	Chemnitzia curvilinea - -	" -	Ballarnock, Glasgow.
	53	5	" scalaroidea -	" -	Longnor, Derbyshire.
	54	52	" - - - -	" -	Carluke, Lanarkshire.
	55	2	Naticopsis plicistria - -	" -	Armagh, Tyrone.
	56	2	" " - -	" -	Ireland.
	57	1	" " - -	" -	Ashford, Bakewell.
	58	6	" " - -	" -	Hamilton.
	59	1	" elliptica - -	" -	Ireland.
	60	2	" " - -	" -	Kildare.
	61	2	" spirata - -	" -	Derryloran, Tyrone.
	62	1	" variata - -	" -	Derbyshire.
	63	1	" elongata - -	" -	Bogie, near Kirkaldy.
	64	8	" ampliata - -	" -	Derbyshire.
	65	1	" planispira - -	" -	Kildare.
	66	5	" lirata - -	" -	Longnor, Derbyshire.
	67	1	" sp. - - -	" -	" "
-VII.	1	2	Bellerophon cornu-arietis -	" -	Kendal.
	2	2	" " -	" -	Crich, Cromford.
	3	2	" " -	" -	Desert Marlin, County Derry.
	4	2	" " -	" -	Horse Gill, Lesmahago.
	5	10	" tenuifascia -	" -	Longnor, Derbyshire.
	6	3	" " -	" -	Bredon, Ashby-de-la-Zouch.
	7	3	" " -	" -	Derryloran, Tyrone.
	8	6	" " -	" -	Longnor, Derbyshire.
	9	2	" " -	" -	" "
	10	2	" reticostatus -	" -	
	11	2	" Larcomii -	" -	Fermanagh.
	12	6	" decussatus -	" -	Crossford.
	13	10	" " -	" -	Railway, E. Barns, Dunbar.
	14	2	" " -	" -	Tyrone.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XLVII.	15	4	Bellerophon decussatus -	Carboniferous Limestone.	Carluke.
	16	10	" " -	" -	Glasgow and Hamilton.
	17	1	" apertus - -	" -	Armagh.
	18	2	" " - -	" -	Crossford.
	19	12	" Urii - -	" -	Carluke, Hamilton.
	20	4	" " - -	" -	Tyrone.
	21	4	" tangentialis -	" -	County Kildare.
	22	2	" hiulcus - -	" -	Carluke.
	23	2	" " - -	" -	Derryloran, Tyrone.
	24	1	" " - -	" -	No. 1. Ireland. " 2, Kildare.
	25	3	" - - -	" -	Longnor, Derbyshire.
	26	1	" - - -	" -	Lesmahago.
	27	1	" Oldhamii - -	" -	Clogher, Tyrone.
	28	6	" spiralis - -	" -	Derryloran, Tyrone.
	29	8	" interlineatus -	" -	Hamilton, Glasgow.
	30	3	" striatus - -	" -	Tyrone.
	31	1	" Vasulites - -	" -	Grassington.
	32	3	" costatus - -	" -	Longnor, Derbyshire.
	33	2	" " - -	" -	No. 1, Grassington. " 2, Ireland.
	34	1	" bicarinus - -	" -	Kildare.
	35	3	" Munsteri - -	" -	Dovedale, Derbyshire.
	36	4	Porcellia Woodwardii - -	" -	Park Hill, Derbyshire.
	37	1	" Puzo - - -	" -	Longnor, Derbyshire.
	38	2	" " - - -	" -	Park Hill, Derbyshire.
	39	1	" " - - -	" -	Ireland.
	40	1	Conularia quadrisulcata -	" -	Whitefield Quarry, Carlops, Peebles.
	41	1	" " -	" -	Clee Hill.
	42	1	" " -	" -	Lesmahago.
	43	3	" " -	" -	Carluke.
	44	1	" " -	" -	Armagh.

CARBONIFEROUS SERIES. (Drawers 36 to 49.)

UNDERNEATH THE FLAT CASES.

E.—CARBONIFEROUS GROUP. SECT. II.

DRAWERS XXXVI. to XLIX.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXXVI.	1	5	Spirorbis helicteres - -	Lower Carboniferous.	Grail, Fife.
	2	2	Dithyrocaris pholadiformis -	" -	Berwick-upon-Tweed.
	3	3	" Colei - -	" -	Clogher, Tyrone.
	4	4	Cypris Scoto-Burdigalensis -	" -	S.W. of Anstruther, Fife.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXXVI.	5	1	Griffithides Eichwaldi - -	Lower Carboniferous.	Lerwick, Northumberland.
	6	3	Spirifer - - - -	" -	Awthorns, N. Forest of Dean.
XXXVII.	1	2	Posidonomya - - -	" -	Bampton.
	2	2	" lateralis - -	" -	No.1, Old Head, Kinsale. " 2, Swimbridge, N. Devon.
	3	1	" Griffithsii -	" -	Rush.
	4	1	Modiola Macadami - -	" -	Howl Hill, Ross.
	5	1	Sanguinolites - - -	" -	Strathkennys, St. Andrews.
	6	1	" - - -	" -	" "
	7	1	Axinus - - - - -	" -	" "
	8	2	Edmondia unioniformis -	" -	Club House, St. Andrews.
	9	1	Conularia - - - -	" -	Bristol.
XXXVIII	1	1	Foraminifera in limestone -	Carboniferous Limestone.	Scat Craig, Dunbar.
	2	2	Poteriocrinus crassus - -	" -	Hook Point, Wexford.
	3	1	" " - -	" -	" "
	4	1	" conicus - -	" -	Clifton.
	5	3	" quinquangularis	" -	Clevedon, Somerset.
	6	1	" granulosus -	" -	
	7	1	" - - -	" -	Hook Point.
	8	1	" - - -	" -	Clifton.
	9	1	New genus? - - -	" -	Hook, Wexford.
	10	1	Rhodocrinus abnormis - -	" -	" "
	11	2	Actinocrinus polydactylus -	" -	" "
	12	1	" " -	" -	" "
	13	2	" - - -	" -	" "
	14	1	" trigintidactylus	" -	" "
	15	1	" lævis - -	" -	" "
	16	2	" - - -	" -	" "
	17	1	" - - -	" -	" "
	18	1	" - - -	" -	" "
	19	2	" triacontydactylus	" -	" "
	20	4	" - - -	" -	Mendips.
	21	2	" tessellatus -	" -	West Angle Bay.
	22	1	Platycrinus trigintidactylus -	" -	Hook, Wexford.
	23	1	" rugosus - -	" -	" "
	24	7	" " - -	" -	" "
	25	4	" lævis - -	" -	Clevedon Bay, Somerset.
	26	1	" - - - -	" -	Hook Point, Wexford.
	27	2	" - - - -	" -	" "
	28	7	" - - - -	" -	Black Rock, Bristol.
	29	1	" - - - -	" -	Hook, Wexford.
	30	1	New genus? - - -	" -	Ashford, Bakewell.
	31	1	Encrinite Stem - - -	" -	" "
XIX.	1	5	Spirifer striatus - - -	" -	Castlemaine, Kerry.
	2	2	" laminosus - -	" -	Near Glasgow.
	3	2	" " - -	" -	Wetton, near Alstonfield.
	4	2	" trigonalis - -	" -	Llangollen.
	5	3	" " - -	" -	Lesmahago, Lanarkshire.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXXIX	6	5	Spirifer grandicostatus - -	Carboniferous Limestone.	Park Hill, Longno
	7	1	,, insculptus - -	,, -	Wetton, near Alstor
	8	6	,, duplicicostatus -	,, -	Park Hill, Longno
	9	5	,, bisulcatus - -	,, -	Roscobie Hill, N Dunfermline.
	10	11	,, Urii - - -	,, -	Llin, 4 m. N. of fermline.
	11	5	Athyris Roissyi - - -	,, -	Castlemaine, Ker
	12	1	,, ,, - - -	,, -	Gt. Ormes Head, Co
	13	2	,, ,, - - -	,, -	Mold.
	14	3	,, ,, - - -	,, -	Roscobie Hill, N Dunfermline.
	15	3	,, planosulcata - -	,, -	Kendal.
	16	1	,, ambigua - - -	,, -	Blanford, Dorsets
	17	11	Rhynchonella pugnus - -	,, -	Dovedale, Derbys
	18	9	,, pleurodon -	,, -	Hamilton, Town Glasgow.
	19	1	,, ,, -	,, -	Blanford, Dorsets
	20	3	Orthis resupinata - - -	,, -	Yorkshire.
	21	8	,, ,, - - -	,, -	Carluke.
	22	7	,, ,, - - -	,, -	Dovedale, Derbys
	23	4	,, Michelini - - -	,, -	Gt. Ormes Head, Co
	24	2	,, ,, - - -	,, -	N. of Ireland.
	25	1	Streptorhynchus crenistria -	,, -	Prestonpans, Ha ton.
	26	1	,, ,, -	,, -	Charleston, Que ry, Fife.
	27	4	,, ,, -	,, -	Berwick-on-Twe
	28	1	,, ,, -	,, -	N. of Ireland.
	29	3	Strophomena analoga - -	,, -	Northumberland.
	30	2	Chonetes concentrica - -	,, -	Clatteringwell Q nesswood, Kinr
	31	4	,, tuberculata - -	,, -	Cowbridge, Glam shire.
	32	3	,, Hardrensis - -	,, -	N. of Ireland.
	33	9	,, ,, - -	,, -	Oswestry.
	34	20	,, polita - -	,, -	Craigenglen, Ca Stirlingshire.
	35	4	,, striatella - -	,, -	Chepstow, Wind Tintern Abbey.
	36	1	,, Buchiana - -	,, -	Skrinkle Bay, brokeshire.
	37	1	,, sp. - - -	,, -	Mold.
	38	1	Productus semireticulatus -	,, -	Castleton, Derby
	39	1	,, ,, -	,, -	Llangollen.
	40	5	,, ,, -	,, -	Berwick-on-Twe
	41	1	,, ,, -	,, -	Lancashire.
	42	12	,, ,, -	,, -	Duntocher, Ha Carluke.
	43	6	,, costatus - -	,, -	Castle Mumbles morganshire.
	44	2	,, punctatus [1] - -	,, -	Poolvash, Isle of
	45	1	,, ,, - -	,, -	Potmetal Plan Kirkaldy, Fife.

[1] Presented by the Rev. J. G. Cumming.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIX.	46	1	Productus punctatus - - -	Carboniferous Limestone.	Clatteringwell Qy., Kinnesswood.
	47	2	" " - -	" -	S. of Pitlessie, Cults, Fife.
	48	1	" " - -	" -	Blanford, Dorsetshire.
	49	2	" pustulosus - -	" -	Hook, Wexford.
	50	1	" " - -	" -	Potmetal Plantation, Kirkaldy.
	51	2	" longispinus - -	" -	Clatteringwell Qy., Kinnesswood.
	52	2	" plicatilis - -	" -	Park Hill, Derbyshire.
	53	1	" " [1] - -	" -	Ulverstone.
XX.	1	8	" carbonarius - -	" -	Castlemaine, Kerry.
	2	2	" spinulosus - -	" -	N. of Ireland.
	3	1	" scoticus - -	" -	
	4	2	" giganteus - -	" -	Mullocks Hill, Ayrshire.
	5	2	" hemisphæricus -	" -	Near Glasgow.
	6	1	Discina - - - -	" -	Alstonfield, Derbyshire.
	7	1	" cincta - - -	" -	N. of Ireland.
	8	2	" nitida - - -	" -	Glasgow.
	9	4	Lingula squamiformis - -	" -	Opposite St. Monan's Church.
	10	1	" " - -	" -	Lesmahago, Lanarkshire.
	11	1	" " - -	" -	Llin, 4 m. N. of Dunfermline.
XXI.	1	1	Anomia - - - -	" -	Longnor, Derbyshire.
	2	4	Aviculopecten fimbriatus -	" -	Park Hill, Longnor.
	3	6	" sublobatus -	" -	" "
	4	5	" " -	" -	" "
	5	1	" quinquelineatus	" -	Kildare.
	6	2	" dissimilis -	" -	Carluke.
	7	4	" sp. - -	" -	Park Hill, Longnor.
	8	3	" intercostatus -	" -	" "
	9	2	" " -	" -	Dovedale, Derbyshire.
	10	2	" micropterus -	" -	Middleton Moor.
	11	2	" cælatus -	" -	Clatteringwell Qy., Kinnesswood.
	12	2	" concavus -	" -	" "
	13	1	" plano-radiatus	" -	Poolvash, Isle of Man.
	14	2	" " -	" -	Longnor, Derbyshire.
	15	1	" - - -	" -	Elie, Fife.
	16	1	" - - -	" -	Carluke.
	17	1	" - - -	" -	Hamilton.
	18	2	" - - -	" -	Park Hill, Longnor.
	19	4	" - - -	" -	" "
	20	2	" - - -	" -	Longnor, Derbyshire.
	21	1	" - - -	" -	" "
	22	2	" - - -	" -	" "
	23	2	" - - -	" -	Near Glasgow.
	24	1	" - - -	" -	Ballycannan, Clare.
	25	1	" - - -	" -	Carlops, Peebles.
	26	2	" - - -	" -	Near Glasgow.

[1] Presented by Jno. Bolton, Esq.

Drawer.	Tablet	Specimen.	Name.	Formation.	Locality.
XLIII.	27		Aviculopecten - - - -	Carboniferous Limestone.	Near Glasgow.
	28		Avicula - - - -		Park Hill, Longnor.
	29	3	„ alternata - - - -	„ -	S. of Pitlessie Culter, Fife.
	30		Pteronites angustatus - -	„ -	Lesmahago.
	31		„ persulcatus - -	„ -	Clatteringwell Qy., Kinnesswood.
	32		Posidonomya vetusta - -	„ -	Castleton, Derbyshire.
XLIV.	1		Myalina quadrata - - - -	„ -	Near Glasgow.
	2		„ - - - -	„ -	Park Hill, Longnor.
	3	4	„ - - - -	„ -	Near Glasgow.
	4	3	„ lamellosa - -	„ -	Longnor, Derbyshire.
	5	1	„ - - - -	„ -	Kildress, Tyrone.
	6	1	Anthracomya - - - -	„ -	Near Carluke.
	7	2	„ - - -	„ -	Townhead, Glasgow.
	8		Anthracosia - - - -	„ -	Craig Hartle, Fife Coast.
	9	2	Modiola - - - -	„ -	Townhead, Glasgow.
	10	2	„ - - - -	„ -	Near Hamilton.
	11		„ - - - -	„ -	Kerse Gill, Lesmahago.
	12		Lithodomus dactyloides -	„ -	Potmetal Plantation, Kirkcaldy.
	13	3	Schizodus securiformis - - -	„ -	Gask, 5 m. N. of Dunfermline.
	14	3	Arca - - - - - -	„ -	No. 1, Poolvash. „ 2, Dovedale.
	15	2	„ - - - - -	„ -	Dovedale, Derbyshire.
	16	1	„ semiscostata - -	„ -	Park Hill, Longnor.
	17	7	„ - - - - -	„ -	Carluke.
	18		Pleurorhynchus aliformis -	„ -	Bogie, Kirkcaldy.
	19		„ „ - -	„ -	„ „
	20	2	„ „ - -	„ -	„ „
	2		„ Hibernicus -	„ -	Rowerby, Limerick.
	22		„ „ -	„ -	Killmallock, Limerick.
	23		Cardiomorpha lamellosa -	„ -	Park Hill, Longnor.
	24		„ - - -	„ -	Carluke.
	25	2	„ - - -	„ -	Kildare.
	26	4	Sanguinolites costellatus -	„ -	Townhead, Glasgow.
	27	2	„ - - -	„ -	No. 1, Ireland. „ 2, N. of Longnor.
	28		„ - - -	„ -	Ardross Castle, Fife.
	29	2	„ - - -	„ -	Chrome Hill, Longnor.
	30	4	„ - - -	„ -	Longnor, Derbyshire.
	31		„ - - -	„ -	„ „
	32	3	„ - - -	„ -	Park Hill, Longnor.
	33		„ - - -	„ -	Dovedale, Derbyshire.
	34	2	„ - - -	„ -	St. Monans, Fife.
	35	1	„ - - -	„ -	Mitchel Dean.
	36	2	„ - - -	„ -	Pilsbury, Longnor.
	37	2	Edmondia uniqniformis - -	„ -	„ „
	38	1	„ „ - -	„ -	Bogie, Kirkcaldy.
	39	2	„ arcuata - - - -	„ -	Redesdale, Northumberland.
	40	2	„ - - - - -	„ -	Park Hill, Longnor.
	41	1	„ - - - -	„ -	Kildare.
	42	1	Lucina - - - -	„ -	Pilsbury, Derbyshire.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XLIV.	43	1	Cypricardia rhombea - -	Carboniferous Limestone.	Longnor, Derbyshire.
	44	3	Venus parallela - - -	" -	Mold.
	45	10	Ctenodonta attenuata - -	" -	Raes Gill, Lesmahago.
	46	4	" " - -	" -	Hamilton, Glasgow.
	47	3	" tumida - -	" -	Charleston, Queensferry, Fife.
	48	2	" " - -	" -	Desertmartin, Derry.
	49	1	" - - - -	" -	Raven Craig Castle, Pathhead, Fife.
	50	4	" - - - -	" -	Near Glasgow.
XLV.	1	8	Dentalium priscum - -	" -	Llin, 4 m. N. of Dunfermline.
	2	1	Murchisonia angulata - -	" -	Kendal.
	3	1	" " - -	" -	Aghalurcher, Tyrone.
	4	6	" serrilimba - -	" -	Crick Quarry, Derbyshire.
	5	1	" bisserrata - -	" -	Tyrone.
	6	3	" - - -	" -	Crich, Cromford.
	7	2	" Humboldtiana -	" -	Park Hill, Longnor.
	8	1	Pleurotomaria vittata - -	" -	Fermanagh.
	9	6	" atomaria -	" -	Carluke.
	10	6	" interstrialis -	" -	Ashford, Bakewell.
	11	1	" lenticula -	" -	Clonfeacle, Benburb.
	12	1	" - - -	" -	Bogie, near Kirkcaldy.
	13	1	" - - -	" -	" "
	14	6	" - - -	" -	Ashford.
	15	1	" - - -	" -	Carluke.
	16	2	" - - -	" -	Aldery Cliff, Crowdecote.
	17	2	" - - -	" -	Park Hill, Longnor.
	18	1	Euomphalus tabulatus - -	" -	Kendal.
	19	6	" Dionysii - -	" -	Park Hill, Longnor.
	20	3	" " - -	" -	Longnor, Derbyshire.
	21	1	" calyx - -	" -	Ardlaman, Co. Limerick.
	22	1	Platyschisma helicoides -	" -	Longnor.
	23	1	" Tiara - -	" -	Oughterard, Kildare.
	24	1	" - - -	" -	Bogie, near Kirkcaldy.
	25	5	" - - -	" -	Park Hill, Longnor.
	26	3	Turbo biserrata - - -	" -	Crich, Cromford.
	27	12	" biserialis - - -	" -	Longnor, Derbyshire.
	28	1	Phanerotinus - - -	" -	Kennoway Den, Markinch.
	29	1	Acroculia carinata - -	" -	Ireland.
	30	2	Loxonema rugifera - -	" -	Roscobie Hill, 5 m. N. of Dumfermline.
	31	1	" " - -	" -	Dovedale, Derbyshire.
	32	2	" - - - -	" -	Hamilton.
	33	1	" - - - -	" -	Killmallock.
	34	2	Macrocheilus acutus - -	" -	Crowdecote, Derbyshire.
	35	4	" ovalis - -	" -	Glasgow, Duntocher, Carluke.
	36	4	" - - -	" -	Hebden Bridge, Yorkshire.
	37	3	" - - -	" -	Carluke, Duntocher, Glasgow.

Tablet.	Specimen.	Name.	Formation.	Locality.
		SECTIONS 33, 34, 35.		
23	1	Modiola - - - -	Carboniferous Limestone.	Kerse Gill, Lesmahago.
24	1	Michelinia megastoma -	,, -	Hook, Wexford.
1	2	Stromatopora - - -	,, -	Hook Hill, Longnor.
2	1	,, [1] - - -	,, -	Poolvash, Isle of Man.
3	1	Alveolites depressa - -	,, -	Castle Espie, Co. Down.
4	1	,, ,, - -	,, -	Bristol.
5	1	,, ,, - -	,, -	,,
6	1	,, ,, - -	,, -	,,
7	1	,, ,, - -	,, -	,,
8	1	,, ,, - -	,, -	,,
9	1	,, ,, - -	,, -	,,
10	1	,, ,, - -	,, -	Alston Moor, Cumberland.
11	1	,, ,, -	,, -	Lilleshall, Shropshire.
12	3	,, ,, - -	,, -	Steeraway ,,
13	1	,, septosa - -	,, -	Oswestry ,,
14	1	,, ,, - -	,, -	Steeraway ,,
15	1	,, ,, - -	,, -	Oswestry ,,
16	2	,, ,, - -	,, -	Kilvarnet, Co. Sligo.
17	1	Chætetes - - - -	,, -	Skrinkle Bay, Pembrokeshire.
18	1	,, - - - -	,, -	Ronaldsway.
19	7	,, - - - -	,, -	Carluke, Hamilton, Glasgow.
20	4	,, - - - -	,, -	,, ,,
21	1	,, - - - -	,, -	3rd or Skateraw Limestone, nr. St Monan's, Fife.
22	2	,, - - - -	,, -	Park Hill, Longnor, Derbyshire.
23	5	,, - - - -	,, -	Townhead, Glasgow.
24	1	,, - - - -	,, -	,, ,,
25	2	,, tumidus - -	,, -	Dungannon, Tyrone.
26	1	,, ,, - -	,, -	S. of Pitlessie, Cults, Fife.
27	1	Favosites Gothlandicus - -	,, -	Derryloran, Tyrone.
28	1	,, parasiticus - -	,, -	Fermanagh.
29	1	Michelinia megastoma - -	,, -	Kendal.
30	2	,, ,, - -	,, -	No. 1, Crevinish, Fermanagh. ,, 2, Kendal, Westmoreland.
31	3	,, ,, - -	,, -	,, ,,
32	8	,, ,, - -	,, -	,, ,,
33	1	,, favosa - -	,, -	Llangollen, N. Wales.
34	1	,, ,, - -	,, -	Birgo, Somersetshire.
35	3	,, tenuisepta - -	,, -	Kendal, Westmoreland.
36	1	,, ,, - -	,, -	Dovedale, Derbyshire.
37	5	Astræopora cyclostoma -	,, -	No. 1, Hook, Wexford. ,, 2, Glasgow. ,, 3, Charleston.
38	3	,, antiqua -	,, -	Hook, Wexford.

[1] Presented by the Rev. J. G. Cumming.

Case.	Tablet.	Specimen.	Name.	Formation.	
XIII. Shelf.			SECTIONS 33, 34, 35.		
II.	39	4	Dictyophyllia antiqua - -	Carboniferous Limestone.	No. 1, " 2,
	40	1	Syringopora ramulosa - -	" -	Mold,
	41	1	" " - -	" -	Kilero
	42	1	" " - -	" -	Mold,
	43	1	" " - -	" -	High T
	44	1	" " - -	" -	Mold,
	45	1	" " (base of)	" -	Hook,
	46	2	" reticulata - -	" -	Mold,
	47	1	" " - -	" -	Cloghe
	48	1	" " - -	" -	Kendal
	49	2	" " - -	" -	Bouldi hamp
	50	1	" " - -	" -	Oswest
	51	1	" geniculata -	" -	Mold,
	52	1	" " - -	" -	Kendal
	53	1	" - - - -	" -	Black
	54	1	" - - - -	" -	Ashfor
	55	1	Aulacophyllum - - -	" -	Derbys
	56	1	Amplexus coralloides - -	" -	Black
	57	3	" " - -	" -	Kildar
	58	5	" " - -	" -	Castlen
	59	1	" " - -	" -	Doveda
	60	1	" " - -	" -	Vallis
	61	1	" " - -	" -	Doveda
	62	1	" " - -	" -	Kerry.
	63	1	" " - -	" -	Nathca
	64	2	" Henslowi - -	" -	Ireland
	65	1	" Sowerbyi - -	" -	Park H
	66	1	" - - - -	" -	Ireland
III.	1	5	Clisiophyllum turbinatum -	" -	Flintsh
	2	2	" " -	" -	Mold,
	3	3	" " -	" -	Llango
	4	5	" " -	" -	Tickwa Zouc
	5	2	" coniseptum -	" -	Kendal
	6	2	" " -	" -	"
	7	3	" - - - -	" -	Kilcur
	8	1	" [1] - - -	" -	Derbys
	9	1	" - - - -	" -	Steerav
	10	1	Cyathophyllum regium [2] -	" -	Bristol.
	11	1	" " - -	" -	"
	12	2	" " - -	" -	No. 1, " 2,
	13	1	" " - -	" -	Bristol.
	14	9	" - - - -	" -	Kilbrid Carlu
	15	2	" plicatum -	" -	Glasgo
	16	1	" n. sp -	" -	Bristol.
	17	1	" Stuchburyi -	" -	"
	18	1	" " -	" -	"

[1] Presented by J. W. Lowry, Esq. [2] Presented by R. Eth

e.	Tablet.	Specimen.	Name.	Formation.	Locality.
I.			SECTIONS 33, 34, 35.		
lf. I.	19	2	Cyathophyllum Stuchburyi -	Carboniferous Limestone.	Sheep Mays Wood, Wrington, Somerset.
	20	2	" " -	" -	No. 1, Clifton. " 2, Bristol.
	21	1	" Murchisoni -	" -	Bristol.
	22	2	" " -	" -	"
	23	1	" " -	" -	Park Hill, Derbyshire.
	24	1	" - - - -	" -	Bristol.
	25	1	" Wrighti -	" -	Kendal, Westmoreland.
	26	5	" " -	" -	" "
	27	4	" - - - -	" -	Steeraway, Shropshire.
	28	1	" Ceratites -	" -	Tyrone.
	29	1	Lithodendron affine - -	" -	Kendal.
	30	2	" " - -	" -	Derryloran, Tyrone.
	31	1	" " - -	" -	Mold, Flintshire.
	32	1	" Phillipsi -	" -	Cookstown, Derryloran.
	33	1	" irregulare -	" -	Derbyshire.
	34	1	" " -	" -	Clifton.
	35	1	" " -	" -	"
	36	2	Lithostrotion striatum -	" -	Tyrone.
	37	1	" " -	" -	Kendal.
	38	1	" aranea - -	" -	Clonoe, Tyrone.
	39	1	" " - -	" -	Kesh, Fermanagh.
	40	3	" M'Coyanum -	" -	Oswestry, Shropshire.
	41	1	" Portlocki -	" -	Mold, Flintshire.
	42	1	" " -	" -	Oswestry, Shropshire.
	43	1	" " -	" -	Llangollen, N. Wales.
	44	1	" junceum - -	" -	Tickwall, Ashby de la Zouche.
	45	2	" " - -	" -	Derryloran.
	46	1	" - - - -	" -	Bristol (Clifton).
	47	1	" - - - -	" -	" "
	48	1	" - - - -	" -	" "
	49	1	" - - - -	" -	" "
	50	1	" - - - -	" -	" "
	51	1	" - - - -	" -	Mold, Flintshire.
	52	1	" - - - -	" -	Llangollen Crags.
V.	1	1	Lonsdaleia floriformis - -	" -	Oswestry, Shropshire.
	2	1	" " - -	" -	Steeraway "
	3	1	" " - -	" -	Littleshall "
	4	1	" " - -	" -	Bristol.
	5	3	" " - -	" -	Corwen, N. Wales.
	6	1	" " - -	" -	Clifton, Bristol.
	7	4	" " - -	" -	Sheep Mays Wood, Wrington, Somerset.
	8	1	"[1] - - - -	" -	North of England.
	9	1	" - - - -	" -	Clifton, Bristol.
	10	1	" duplicata - -	" -	Mold, Flintshire.
	11	2	Zaphrentis cylindrica - - -	" -	Linney Head, Pembroke.
	12	1	" - - - -	" -	Kendal.

[1] Presented by Melville Ottwood, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
			SECTIONS 33, 34, 35.		
XIII. Shelf. IV.	13	1	Zaphrentis cylindrica - -	Carboniferous Limestone.	Dead Woman's Bo Somersetshire.
	14	2	" Enniskilleni -	" -	No. 1, Clione. " 2, Fermana gh
	15	1	" " -	" -	Kendal.
	16	1	Strephodes " - -	" -	Dead Woman's Bo Somersetshire.
	17	2	Lophophyllum - - -	" -	Frome, Somersetsh
	18	2	Aulophyllum fungites - -	" -	Chapel, near Kirkc Fifeshire.
	19	1	" " - -	" -	Bathgate, Edinburg
	20	1	" " - -	" -	Lesmahago.
	21	1	" " - -	" -	Chapel Quarry, K caldy.
	22	3	Phillipsastrea radiata - -	" -	Corwen, N. Wales.
	23	1	" " - -	" -	" "
	24	6	Cladochonus bacillaris - -	" -	Dove Dale, Derbys
	25	1	" " - -	" -	Middleton Moor, D shire.
	26	1	" " - -	" -	Howick, Alnwick.
	27	1	Poteriocrinus conicus - -	" -	Yorkshire.
	28	4	" " - -	" -	Hook, Wexford.
	29	1	" " - -	" -	Fermanagh, Irela
	30	4	" " [1] - -	" -	Ballynaleek, Irela
	31	1	" rostratus - -	" -	Hook, Wexford.
	32	1	" " -	" -	" "
	33	1	" " -	" -	" "
	34	1	" " -	" -	" "
	35	1	" radiatus - -	" -	
	36	1	" " - -	" -	Hook Point.
	37	1	" macrocheirus -	" -	" "
	38	1	" quinquangularis	" -	" "
	39	3	" " -	" -	" "
	40	2	" " -	" -	" "
	41	3	" pentagonus -	" -	Clevedon, Somer
	42	5	" " -	" -	"
	43	3	" crassus - -	" -	"
	44	2	" " - -	" -	Hook Point, We
	45	2	" isacobus - -	" -	" "
	46	1	" latifrons - -	" -	Mendip Hills.
	47	2	" dactyloides -	" -	Hook Point, We
	48	2	" plicatus - -	" -	Clevedon, Some
	49	1	" - - -	" -	Hook Point.
	50	16	" - - -	" -	Nr. Glasgow.
	51	10	" and Actinocrinus	" -	Inverkeithing, F
	52	14	" - - -	" -	Nr. Glasgow.
	53	4	" - - -	" -	Little Urswick verstone.
	54	10	" - -	" -	"
	55	5	" - - -	" -	Hook Point.
	56	11	" - - -	" -	Little Urswick

[1] Presented by the Earl of Enniskillen.

se.	Tablet.	Specimen.	Name.	Formation.	Locality.
II.			SECTIONS 33, 34, 35.		
elf. V.	57	1	Poteriocrinus - - -	Carboniferous Limestone.	S. of Pitlessie, Cults, Fife.
	58	1	" - - -	" -	Hook Point, Wexford.
	59	1	" nuciformis -	" -	Nr. Glasgow.
	60	1	Cyathocrinus - - -	" -	Co. Waterford.
	61	1	" mammillaris -	" -	Derbyshire.
	62	3	" - - - -	" -	West Angle Bay.
	63	1	Amphoracrinus crassus -	" -	Hook Point.
	64	8	" - [1] -	" -	Near Preston.
	65	1	Dichocrinus elongatus [2] -	" -	Fermanagh.
	66	2	Rhodocrinus costatus - -	" -	No. 1, Hook Point. " 2, Clevedon.
	67	1	" bursa [1] - -	" -	Preston.
	68	1	" calcaratus -	" -	Fermanagh.
	69	41	" and Actinocrinus	" -	Glasgow.
	70	37	" - - -	" -	"
	71	28	" - - -	" -	"
	72	3	" [1] - - -	" -	Thornley, Preston.
	73	3	" - - -	" -	Little Urswick, Ulverstone.
	74	1	" - - -	" -	Llangollen Crags.
	75		" - - -	" -	No. 1, Inverkeithing. " 2, Glasgow.
	76	6	" - - -	" -	Dovedale, Derbyshire.
V.	1	1	Actinocrinus polydactylus -	" -	Hook Point, Wexford.
	2	2	" " - -	" -	" "
	3	1	" " [1] - -	" -	Clitheroe, Yorkshire.
	4	1	" " - -	" -	" "
	5	2	" " - -	" -	Derbyshire.
	6	3	" " - -	" -	"
	7	1	" " - -	" -	Hook, Wexford.
	8	1	" " - -	" -	" "
	9	1	" - -	"	Awthorns, 3 m. W. of Mitchel Dean.
	10	1	" (Phillipsocrinus) caryocrinoides.	"	Hook, Wexford.
	11	6	" triacontodactylus	" -	" "
	12	2	" " -	" -	" "
	13	1	" " -	" -	" "
	14	1	" " -	" -	" "
	15	5	" " -	" -	Derbyshire.
	16	5	" " [1] -	" -	Near Preston.
	17	1	" decadactylus -	" -	Stewartstown, Tyrone.
	18	1	" trigintidactylus	" -	Hook Point.
	19	4	" " -	" -	" "
	20	5	" Colei - -	" -	" "
	21	1	" " - -	" -	Black Rock, Bristol.
	22	1	" icosidactylus -	" -	Ireland.
	23	1	" cataphractus -	" -	Hook.
	24	2	" lævis - -	" -	Hook, Wexford.

[1] Presented by J. Rofe, Esq. [2] Presented by the Earl of Enniskillen.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIII. Shelf. V.			SECTIONS 33, 34, 35.		
	25	2	Actinocrinus lævis - -	Carboniferous Limestone.	West Angle Bay, S.
	26	2	„ aculeatus -	„ -	Hook Point.
	27	4	„ tesselatus -	„ -	Clitheroe, Yorkshire.
	28	1	„ „ -	„ -	Hook Point.
	29	1	„ globosus - -	„ -	Derbyshire.
	30	2	„ amphora [1] -	„ -	Fermanagh.
	31	1	„ „ - -	„ -	Cleenish, Fermanagh.
	32	3	„ costus - -	„ -	Hook, Wexford.
	33	2	„ Gilbertsoni [2] -	„ -	Clitheroe.
	34	1	„ tenuis - -	„ -	West Angle Bay.
	35	1	„ elephantinus -	„ -	Hook Point.
	36	1	„ longi-spinosus -	„ -	„ „
	37	1	„ - - - -	„ -	West Angle Bay.
	38	1	„ - - - -	„ -	Derbyshire.
	39	1	„ - - - -	„ -	Llangollen Crags.
	40	23	„ - - - -	„ -	Glasgow.
	41	4	„ - - - -	„ -	St. Andrews.
	42	1	„ - - - -	„ -	Clifton.
	43	1	„ - - - -	„ -	„
	44	1	„ - - - -	„ -	Bristol.
	45	1	„ - - - -	„ -	Hook Point, Wexford.
	46	1	„ - - - -	„ -	West Angle Bay, soutl
	47	1	Platycrinus granulatus - -	„ -	Hook Point, Wexford.
	48	1	„ rugosus - -	„ -	Cleenish, Fermanagh.
	49	7	„ „ [1] - -	„ -	Ballynaleek, Ireland.
	50	1	„ „ - -	„ -	Fermanagh „
	51	7	„ lævis [1] - -	„ -	„ „
	52	6	„ „ - -	„ -	Derbyshire.
	53	3	„ „ - -	„ -	Hook.
	54	2	„ „ [2] - -	„ -	Clitheroe.
	55	1	„ „ - -	„ -	Hook Point, Wexford.
	56	7	„ „ - -	„ -	„ „ „
	57	8	„ „ - -	„ -	„ „ „
	58	1	„ trigintidactylus -	„ -	„ „ „
	59	1	„ „ -	„ -	„ „ „
	60	1	„ „ -	„ -	„ „ „
	61	1	„ „ -	„ -	„ „ „
	62	2	„ „ -	„ -	„ „ „
	63	1	„ „ -	„ -	„ „ „
	64	1	„ lævissimus - -	„ -	Frome, Somersetshire.
	65	4	„ spinosus - -	„ -	Hook Point.
	66	2	„ „ - -	„ -	„ „
	67	2	„ granulatus - -	„ -	„ „
	68	4	„ „ [1] -	„ -	Ballynaleek, Fermanagl
	69	1	„ „ - -	„ -	Portland.
	70	1	„ „ - -	„ -	Black Rock, Clifton.
	71	5	„ megastylus [2] -	„ -	Near Preston.
	72	1	„ mucronatus -	„ -	
	73	1	„ laciniatus - -	„ -	Derbyshire.
	74	5	„ striatus - -	„ -	Hook Point.

[1] Presented by the Earl of Enniskillen. [2] Presented by J. Rofe, Esq.

se.	Tablet.	Specimen.	Name.	Formation.	Locality.
ll. elf.			SECTIONS 33, 34, 35.		
	75	5	Platycrinus pileatus [1] - -	Carboniferous Limestone.	Near Preston.
	76	7	" - - - -	" -	Hook.
	77	3	" [1] - - -	" -	Thornley, Preston.
	78	1	" - - - -	" -	½ m. S. of Mitchel Dean.
	79	1	" sphæricus - -	" -	Hook, Wexford.
	80	1	" - - - -	" -	" "
	81	1	Tetramerocrinus bellis - -	" -	Hook Point.
	82	3	Euryalocrinus brevidactylus -	" -	" "
	83	1	Woodocrinus macrodactylus -	" -	Richmond, Yorkshire.
	84	1	" " -	" -	" "
	85	1	Hydreionocrinus globularis -	" -	Lesmahago.
	86	1	" scoticus -	" -	"
	87	1	Codonaster acutus - -	" -	Derbyshire.
	88	5	" " - -	" -	"
	89	2	" trilobatus - -	" -	Ashford, Bakewell.
	90	12	Pentremites orbicularis -	" -	Derbyshire.
	91	2	" ovalis - -	" -	Sligo.
	92	1	" - - - -	" -	Derbyshire.
	93	1	" - - - -	" -	"
	94	8	" [1] - - - -	" -	Clitheroe.
	95	3	" [1] - - - -	" -	"
	96	3	" [1] - - - -	" -	"
	97	1	" [1] - - - -	" -	"
	1	1	Palæchinus elegans - -	" -	Hook Point, Wexford.
	2	1	" gigas [2] - -	" -	Clitheroe, Yorkshire.
	3	1	" " - -	" -	" "
	4	1	" sphæricus - -	" -	Ireland.
	5	1	Archæocidaris - - -	" -	Kitterhill, Longnor.
	6	4	" Urii - -	" -	Knock Hill Quarry.
	7	10	" " - - -	" -	No. 1, Inverkeithing. " 2, Carluke, Glasgow.
	8	1	" " - - -	" -	Fermanagh, Ireland.
	9	2	" " - - -	" -	" "
	10	1	" - - - -	" -	Sheldon Moor.
	11	4	" - - - -	" -	Sheldon Moor, Derbyshire.
	12	2	" glabrispina -	" -	Cook's Folly Wood, Bristol.
	13	1	" - - - -	" -	Park Hill, Longnor, Derbyshire.
	14	2	Serpula parallela - - -	" -	Dungannon, Tyrone.
	15	1	" " - - -	" -	Brockley, Lesmahago.
	16	3	" " - - -	" -	Richmond, Yorkshire.
	17	1	" subannulata - -	" -	Ballinascreen, Co. Derry.
	18	2	" hexagona - -	" -	Glasgow.
	19	1	" - - - -	" -	½ m. S. of Mitchel Dean.
	20	1	Serpulites carbonarius - -	" -	Haw Hill, Lesmahago.

[1] Presented by J. Rofe, Esq. [2] Presented by — Parker, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIII. Shelf. VI.			SECTIONS 33, 34, 35.		
	21	2	Serpulites carbonarius - -	Carboniferous Limestone.	Townhead, Glasgow.
	22	1	" " - -	" -	Over Kellie Quarry, Elie, Fife.
	23	1	" " - -	" -	Teasse's Quary, Lundin.
	24	3	" " - -	" -	Roscobie Hill, 5 m. N. of Dunfermline.
	25	2	" compressus - -	" -	Kilbride.
	26	4	" " - -	" -	Armagh.
	27	3	" " - -	" -	"
	28	2	" " - -	" -	"
	29	1	" " - -	" -	"
	30	1	Spirorbis carbonarius - -	" -	Llantrissant, S. Wales.
	31	1	" " - -	" -	Maghorn, Derry.
	32	1	" " - -	" -	Burdie House, Edinburgh.
	33	1	" " - -	" -	Great Ormes Head.
	34	1	" " - -	" -	Mitchel Dean.
	35	1	" " - -	" -	Tyrone.
	36	3	Worm burrows, &c. - -	" -	Dunbar.
	37	2	Casts of Annelide tubes -	" -	Capheaton, Clock Mill.
XIV. Shelf. I.			SECTIONS 36, 37, 38.		
	1	1	Nautilus dorsalis - - -	" -	Kildare, Ireland.
	2	1	" ingens - - -	" -	Roudale, Derbyshire.
	3	1	Poterioceras pyriforme -	" -	Glasgow.
	4	1	Actinoceras giganteum - -	" -	Armagh, Ireland.
	5	1	Cauda Galli impressions -	" -	5 m. W. of Haddington.
	6	1	Streptorhynchus crenistria -	" -	Shaftse Crag.
	7	1	Productus hemisphæricus -	" -	Cray, 15 m. W. of Richmond, Yorkshire.
	8	1	Spirifer cuspidatus - -	" -	Caldy E. No. 9.
	9	1	Worm casts - - - -	" -	Dunbar.
	10	1	" " or Annelide tubes	" -	Capheaton, Clock Mill, Northumberland.
	11	1	Arenicola carbonaria - -	" -	Ringinglow, Sheffield.
	12	1	Burrows of bivalves - -	" -	Halifax.
	13	1	" " (Edmondia)	" -	Cat Craig, Dunbar.
	14	1	Annelide burrows - -	" -	Alston Moor, Cumberland.
	15	1	Fenestella membranacea -	" -	Ayrshire.
	16	1	Arenicola carbonaria - -	" -	Whirlow Bridge, Sheffield.
	17	1	Lithostrotion affine - -	" -	Pont du Mold.
	18	1	Lithodendron - - -	" -	Mold (Cat Hole Mine).
	19	1	Syringopora geniculata -	" -	Ireland.
	20	1	Allorisma or Anatina - -	" -	Knock Hill Quarry, Strathkennys, St. Andrews.
	21	1	Tracks of Mollusca - -	" -	Luggacurren Quarry, Queen's Co, Ireland.
	22	1	" " - -	" -	" "

ase.	Tablet.	Specimen.	Name.	Formation.	Locality.
IV.			SECTIONS 36, 37, 38.		
helf. I.	23	1	Crinoid allied to Platycrinus: Conocardium aliforme, Goniatites truncatus.	Carboniferous Limestone.	Potmetal Plantation, Kirkcaldy, Fife. (Ballickmoyler, Carlow.)
	24	1	Modiola - - - -	" -	Pitmilly, St. Andrews.
	25	1	Discinia nitida - - -	" -	Pittenween Harb., Fife.
	26	1	Serpula parallela - - -	" -	Teasses Quarry, 4 m. N. of Lundin, Fife.
	27	1	Bellerophon cornu-arietis -	" -	
	28	1	Nautilus dorsalis - - -	" -	Glenbane, Limerick.
	29	1	" " - - -	" -	Morgans, Limerick.
	30	1	Chonetes Hardrensis. Orthis Michelini. Ceriopora interporosa.	Millstone Grit.	Ruabon.
	1	1	Fenestella irregularis - -	Carboniferous Limestone.	Aghalurcher, Tyrone.
	2	1	" membranacea -	" -	Ireland.
	3	1	" " - -	" -	Castlemaine, Kerry.
	4	2	" - - - -	" -	Scariff, Co. Cork.
	5	1	" - - - -	" -	Drumglass, Tyrone.
	6	2	" - - - -	" -	Benbush, Tyrone.
	7	1	" - - - -	" -	Kildare.
	8	2	" - - - -	" -	Ireland.
	9	1	" - - - -	" -	Corwen.
	10	2	" - - - -	" -	Pilsbury, Derbyshire.
	11	2	" - - - -	" -	Longnor "
	12	1	" - - - -	" -	Park Hill, Longnor, Derbyshire.
	13	3	" - - - -	" -	Stackpole.
	14	1	" - - - -	" -	Haddon fields, Bakewell.
	15	1	" - - - -	" -	Derbyshire.
	16	1	" - - - -	" -	Co. Waterford.
	17	1	" oculata - - -	" -	Kirkcaldy, Fife.
	18	1	" plebeia - - -	" -	Raven Craig Castle, Pathhead, Fife.
	19	2	" " - - -	" -	Clatteringwell Quarry, Kinnesswood, Kinross.
	20	1	" " - -	" -	Ireland.
	21	1	" multiporata - -	" -	
	22	1	Hemitrypa Hibernica - -	" -	Dovedale, Derbyshire.
	23	1	Polypora laxa - - -	" -	Drumglass, Tyrone.
	24	2	" dendroides - -	" -	Hook, Wexford.
	25	2	" " - -	" -	Clatteringwell Quarry, Kinnesswood.
	26	2	" polyporata - -	" -	Benburb, Tyrone.
	27	1	" " - -	" -	Derbyshire.
	28	2	" " - -	" -	Dovedale, Derbyshire.
	29	1	" marginata - -	" -	Hook, Wexford.
	30	2	" intertexta - -	" -	Benburb, Tyrone.
	31	1	" - - - - -	" -	Malahide, Dublin.
	32	1	" - - - - -	" -	Benburb, Tyrone.
	33	1	" verrucosa - -	" -	Craighall Ceres, Fife.
	34	4	Ptylopora pluma - - -	" -	Hook, Wexford.
	35	1	Glauconome bipennata -	" -	Kildare.

Case.	Tablet.	Specimen.	Name.	Formation.	Locali
XIV. Shelf.			SECTIONS 36, 37, 38.		
II.	36	1	Glauconome pluma - -	Carboniferous Limestone.	Drumglass,
	37	1	" " - -	" -	Benburb, Ty
	38	3	" gracilis - -	" -	Pilsbury, Lo
	39	2	" " - -	" -	Park Hill.
	40	2	" " - -	" -	Derbyshire.
	41	1	" pulcherrima -	" -	Clatteringw Kinnesswo
	42	1	" - - - -	" -	Longnor, D
	43	1	Ceriopora rhombifera, &c. -	" -	Hook, Wexf
	44	1	" " -	" -	West Angle
	45	1	" " -	" -	Charleston, ferry.
	46	1	" serialis - - -	" -	Hook Point.
	47	2	" interporosa - -	" -	" "
	48	1	" similis - - -	" -	Mitchel Dea
	49	1	" multangularis -	" -	Tyrone.
	50	2	" spicularis - -	" -	Clatteringw Kinnesswo
	51	1	Discopora campanulata -	" -	Glasgow.
	52	1	" antiqua - -	" -	Queensferry
	53	1	Berenicia megastoma - -	" -	Hook, Wexf
III.	1	1	Nautilus biangulatus - -	" -	Fermanagh.
	2	1	" cariniferus - -	" -	Kildare, Ire
	3	2	" " - -	" -	"
	4	2	" " - -	" -	"
	5	3	" dorsalis - -	" -	Dungarvan,
	6	1	" " - -	" -	Cork.
	7	1	" " - -	" -	Kildare, Ire
	8	1	" " - -	" -	Longnor, D
	9	3	" globatus - - -	" -	Park Hill, Derbyshire
	10	1	" " - -	" -	Kildare.
	11	1	" " - -	" -	"
	12	1	" " - -	" -	Chrome H shire.
	13	2	" multicarinatus -	" -	Tyrone.
	14	1	" " - -	" -	Ireland.
	15	1	" tuberculatus - -	" -	Lesmahago, shire.
	16	2	" perplanatus - -	" -	Crevinish, F
	17	1	" pentagonus [1] - -	" -	Closeburn, shire.
	18	1	" ingens - - -	" -	Crossford.
	19	1	" " - - -	" -	Roudale, De
	20	1	" - - - -	" -	Ashford, De
	21	1	" - - - -	" -	Lesmahago.
	22	1	" - - - -	" -	Kippock Hil
	23	4	" - - - -	" -	Near Glasgo

[1] Presented by Sir R. I. Murchison.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
(IV.			SECTIONS 36, 37, 38.		
helf. II.	24	1	Nautilus (Discites) quadratus	Carboniferous Limestone.	Clogher, Tyrone.
	25	1	" " sulcatus -	" -	Cavan, Fermanagh.
	26	5	" " " -	" -	Chrome Hill, Longnor.
	27	1	" " " -	" -	Cavan, Fermanagh.
	28	1	" " " -	" -	Dovedale, Derbyshire.
	29	1	" " " -	" -	Llyn Quarry, 3½ m. N. W. of Dunfermline.
	30	4	" " " -	" -	" "
	31	6	" " subsulcatus	" -	No. 1, Duntocher, Dumbarton. " 2, Carluke, Lanarkshire.
	32	2	" " " -	" -	N. of Longnor, Derbyshire.
	33	1	" " " -	" -	Clogher, Tyrone.
	34	1	" " " -	" -	Clatteringwell Quarry, Kinnesswood.
	35	1	" " planotergatus	" -	Ireland.
	36	1	" " " -	" -	Teasses Quarry, 4 m. N. of Lundin, Fife.
	37	1	" " " -	" -	" "
	38	3	" " tetragonus	" -	Dovedale, Derbyshire.
	39	4	" " " -	" -	Longnor, Derbyshire.
	40	1	" " Levellanus	" -	Doohyle, Limerick.
	41	1	" " planidorsatus.	" -	Derryloran, Tyrone.
	42	6	" " costellatus [1]	"	N. of Longnor, Derbyshire.
	43	1	" " " -	" -	E. of Longnor, Derbyshire.
	44	1	" " discors -	" -	Glenbane, Limerick.
	45	1	" " mutabilis	" -	Ireland.
	46	1	" " " -	" -	Kildare.
	47	1	" " trochlea -	" -	Kendal.
	48	1	" " - -	" -	Dovedale, Derbyshire.
	49	1	" " [1] - -	" -	N. of Longnor, Derbyshire.
	50	1	" " - -	" -	Longnor, Derbyshire.
	51	1	" " - -	" -	Ashford, Bakewell.
	52	4	" " - -	" -	Longnor, Derbyshire.
	53	1	" " - -	" -	Bakewell.
	54	2	" " - -	" -	Longnor, Derbyshire.
	55	2	" " - -	" -	Kennoway Den, Markinch, Fife.
	56	3	" " - -	" -	Carluke.
	57	2	" " [2] - -	" -	Nr. Glasgow.
V.	1	2	Orthoceras pyramidale -	" -	Tyrone, Ireland.
	2	5	" unguis - -	" -	Park Hill, Lougnor.
	3	1	" " - -	" -	Poolvash, I. of Man.

[1] Presented by — Rosser, Esq. [2] Presented by Dr. Rankine.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIV. Shelf. IV.			SECTIONS 36, 37, 38.		
	4	1	Orthoceras unguis - -	Carboniferous Limestone.	Dovedale, Derbys
	5	6	" " - -	" -	Near Glasgow.
	6	2	" " - -	" -	Longnor, Derbys
	7	13	" ovale - - -	" -	" "
	8	30	" cinctum - -	" -	Near Glasgow.
	9	8	" " - -	" -	Llin, 4 m. N. of fermline.
	10	1	" " - -	" -	Chrome Hill, shire.
	11	3	" " - -	" -	Dovedale, Derbys
	12	2	" inæquiseptum	" -	Chrome Hill
	13	7	" " - -	" -	Longnor
	14	4	" " - -	" -	"
	15	2	" affine - - -	" -	Clogher, Tyrone.
	16	2	" Breynii - -	" -	Derry.
	17	3	" giganteum - -	" -	Longnor, Derbys
	18	4	" " - -	" -	Raes Gill, Carlul
	19	1	" distans - -	" -	Milltown Lead nr. Fulla, Co.
	20	1	" " - -	" -	Kildare.
	21	1	" latissimum - -	" -	Taghadoc, Kilda
	22	1	" striata - - -	" -	Nantinan, Limer
	23	3	" undulatum - -	" -	Longnor, Derbys
	24	2	" laterale [1] - -	" -	Poolvash, I. of M
	25	1	" subimbricatum -	" -	Cloonoy Hill, Sl
	26	1	" cylindraceum -	" -	Kildare.
	27	3	" maximum - -	" -	No. 1, Tyrone. " 2, Kildare.
	28	1	" paradoxicum -	" -	Dovedale, Derby
	29	1	" Gesneri - -	" -	Ashford, Derbysh
	30	1	" " - -	" -	Northumberland
	31	1	" " - -	" -	Tyrone.
	32	2	" tuberculatum -	" -	Chrome Hill, shire.
	33	2	" reticulatum - -	" -	Kildare.
	34	1	" annulare - -	" -	Near Glasgow.
	35	12	" " - -	" -	Townhead, Glasg
	36	5	" " - -	" -	Llin, 4 m. N. of fermline.
	37	1	" - - - -	" -	Springfield, Barn
	38	2	" - - - -	" -	Dovedale, Derbys
	39	1	" - - - -	" -	Kildare.
	40	2	" - - - -	" -	"
	41	1	" - - - -	" -	"
	42	1	" - - - -	" -	Fermanagh.
	43	2	" - - - -	" -	Chrome Hill, shire.
	44	1	Actinocrinus giganteum -	" -	Ireland.
	45	1	Poterioceras fusiforme - -	" -	Kildare.
	46	1	" " - -	" -	"

[1] Presented by the Rev. J. G. Cumming.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIV. Shelf.			SECTIONS 36, 37, 38.		
IV.	47	2	Poterioceras fusiforme - -	Carboniferous Limestone.	Kildare.
	48	1	" " - -	" -	"
	49	1	Ormoceras laterale [1] - -	" -	Kilhead Quarries, Dumfriesshire.
	50	3	Cyrtoceras tuberculatum -	" -	Clogher, Tyrone.
	51	2	" rugosum - -	" -	Clatteringwell Quarries, Kinnesswood.
	52	3	" " - -	" -	Townhead, Glasgow.
	53	1	" " - -	" -	Ashford, Bakewell.
	54	1	" " - -	" -	Longnor, Derbyshire.
	55	1	" - - -	" -	Fermanagh.
V.	1	12	Goniatites truncatus - -	" -	Longnor, Derbyshire.
	2	2	" " - -	" -	Ireland.
	3	6	" " - -	" -	Park Hill, Longnor, Derbyshire.
	4	2	" " - -	" -	Poolvash, I. of Man.
	5	6	" obtusus - -	" -	Castlemaine, Kerry.
	6	1	" " - -	" -	Llin Quarry, Dunfermline.
	7	20	" vittiger & spirorbis	" -	Dovedale.
	8	9	" striatus - -	" -	Park Hill, Longnor, Derbyshire.
	9	2	" " - -	" -	Rowdale House, Bakewell.
	10	2	" serpentinus -	" -	Dovedale, Derbyshire.
	11	1	" Listeri - -	" -	Kildare.
	12	1	" " - -	" -	E. of Kirkcaldy.
	13	3	" " - -	" -	Tenby.
	14	7	" crenistria - -	" -	Longnor, Derbyshire.
	15	12	" " - -	" -	" "
	16	5	" " - -	" -	Derbyshire.
	17	2	" " - -	" -	Longnor, Derbyshire.
	18	1	" furcatus - -	" -	Ireland.
	19	3	" " - -	" -	"
	20	1	" " - -	" -	Limerick.
	21	1	" " - -	" -	Kildare.
	22	6	" reticulatus - -	" -	Hebden Bridge, Yorkshire.
	23	2	" implicatus [2] -	" -	Poolvash, I. of Man.
	24	2	" " [3] -	" -	Hebdon Bridge, Yorkshire.
	25	1	" evolutus - -	" -	Chrome Hill, Derbyshire.
	26	2	" striolatus - -	" -	W. of Dysart, Kirkcaldy.
	27	1	" paucilobus - -	" -	Raven Craig Castle, Pathead.
	28	4	" " - -	" -	Duntocher.

[1] Presented by Sir R. I. Murchison. [2] Presented by the Rev. J. G. Cumming.
[3] Presented by — Coates, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIV. Shelf. V.			SECTIONS 36, 37, 38.		
	29	1	Goniatites spiralis - -	Carboniferous.	Tyrone.
	30	1	" Henslowi [1] - -	" -	Scarlet Point, Isle of Man.
	31	1	" [2] - - -	" -	Near Cork.
	32	1	" - - - -	" -	Park Hill, Longnor, Derbyshire.
	33	3	" - - - -	" -	No. 1, 2, Poolvash. " 3, Longnor.
	34	1	" - - - -	" -	Devonshire.
	35	1	" - - - -	" -	Lesmahago.
	36	6	" - - - -	" -	Townhead, Glasgow, Hamilton, &c.
	37	7	" - - - -	" -	Pilsbury, Derbyshire.
	38	12	" - - - -	" -	" "
	39	4	" - - - -	" -	" "
	40	1	" - - - -	" -	Clogher, Tyrone.
XXII. Shelf. I.			SECTIONS 48, 49.		
	1	1	Adiantites hibernicus - -	Upper Devonian.	Kiltorkin Hill, Kilkenny.
	2	1	" " - -	" -	" "
	3	1	" " - -	" -	" "
	4	1	Root of a large Coniferous tree.	Middle Devonian.	Caithness.
	5	1	Wood of a Coniferous tree [3]	" -	Stone Gun, nr. Thurso.
	6	1	Caulopteris - - - -	" -	" "
	7	1	Coniferous tree [4] - - -	" -	" "
	8	1	Lepidodendron nothum [5] -	" -	Harland, Wick.
	9	1	Selaginites [5] - - -	" -	"
	10	1	Lepidodendron - - -	" -	Haikin, Milford Haven.
	11	1	Plants - - - - -	Base of Old Red.	Tealing, Forfarshire.
II.	1	1	Sphenopteris affinis - -	Carboniferous.	Burdie House.
	2	1	" " - -	" -	Flisk Quarry, Strathkenny's St. Andrews.
	3	2	" " - -	" -	" "
	4	1	" - - - -	" -	Burdie House.
	5	1	" - - - -	" -	W. Breakwater, Granton.
	6	1	" - - - -	" -	Slateford, nr. Edinburgh.
	7	1	Adiantites Lindsææformis -	" -	" "
	8	3	Cyclopteris flabellata - -	" -	Cove, Cockburnspath, Berwick.

[1] Presented by R. Ward, Esq. [2] Presented by Jos. Wright, Esq.
[3] " Dr. Sutherland. [4] " Sir R. I. Murchison.
[5] Presented by C. W. Peach, Esq.

e.	Tablet.	Specimen.	Name.	Formation.	Locality.
II			SECTIONS 48, 49.		
If.	9	1	Lepidodendron - - -	Carboniferous.	St. Andrews, Fife.
	10	1	" - - -	" -	" "
	11	1	" Veltheimianum	" -	" "
	12	1	" " -	" -	Cove, S. of Cockburnspath, Dunbar.
	13	4	" " -	" -	" "
	14	2	" - - - -	" -	Slateford, nr. Edinburgh.
	15	1	" - - - -	" -	¼ m. E. of Strovithie, 4 m. S. of St. Andrews.
	16	1	" - - - -	" -	Fife.
	17	2	" - - - -	" -	Rabbit Warren, Dunbar.
	18	1	" - - - -	" -	150 yds. S.E. of Maiden Rocks, St. Andrews.
	19	1	" elegans -	" -	Burdie House.
	20	1	" rimosum -	" -	N. of Anstruther.
	21	1	Lepidostrobus - - -	" -	Burdie House.
	22	1	" - - -	" -	Slateford, nr. Edinburgh.
	23	1	" - - -	" -	" "
	24	1	" - - -	" -	" "
	25	1	" variabilis -	" -	Burdie House.
	26	1	" - - -	" -	"
	27	1	" - - -	" -	Awthorns, Forest of Dean.
	28	6	" [1] - - -	" -	Water of Leath, above Slateford, Edinburgh.
	1	1	Stigmaria ficoides - -	" -	Blebo Mill, Dura Den.
	2	1	" inæqualis - -	" -	Rabbit Warren, S.E. of Dunbar.
	3	1	" - - - -	" -	N. of Anstruther.
	4	1	" - - - -	" -	Cambo Brigs, Kingsbarnes, Fife.
	5	1	" - - - -		
	6	2	" - - - -	" -	Green Leighton, Northumberland.
	7	1	" - - - -	" -	Cove, Berwickshire.
	8	2	Knorria - - - -	" -	Awthorns, nr. Forest of Dean.
	9	1	" - - - -	" -	Near Crediton, Devonshire.
	10	1	" - - - -	" -	New Ilfracombe Road.
	11	1	" - - - -	" -	Near Crediton, Devonshire.
	12	1	" [2] - - - -	" -	" "
	13	1	" - - - -	" -	Awthorns, nr. Forest of Dean.
	14	1	" - - - -	" -	Between Cambo Ness and Fife Ness.
	15	1	Bornia - - - -	" -	Sloly, Barnstaple.
	16	1	" - - - - -	" -	" "
	17	1	" - - - - -	" -	" "

[1] Presented by W. Hackney, Esq. [2] Presented by the Rev. D. Williams.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXII.			SECTIONS 48, 49.		
Shelf. III.	18	1	Bornia transitionis - -	Carboniferous.	Near Crediton, Devonshire.
	19	1	" - - - - -	" -	New Ilfracombe Road.
	20	1	Cycadites caledonicus - -	" -	Cockburnspath Cove, Dunbar.
	21	1	Sternbergia - - -	" -	" "
	22	1	" - - - -	" -	Near Crediton, Devonshire.
	23	1	Allied to Salisburia - -	" -	Nisbit House, banks of the Blackadder, Berwickshire.
IV.	1	1	Calamites - - -	" -	Clock Mill Quarry, Capheaton, Northumberland.
	2	1	Knorria or Stigmaria - -	" -	Far Craig Quarry, Cambo, near Wallington, Northumberland.
	3	1	Lycopodites - - - -	" -	Clock Mill Quarry, Capheaton, Northumberland.
	4	1	" - - - -	" -	" "

LOWER GALLERY.

PALÆOZOIC DIVISION.

.—Newer Palæozoic Vertebrata. (Wall Cases 15 to 21.)

ase.	Tablet.	Specimen.	Name.	Formation.	Locality.
IV.			Section 39.		
elf. I.	1	5	Pterichthys major - -	Devonian, or Old Red Sandstone.	Scat Craig (on the banks of the Findhorn).
	2	2	" " - -	" -	" "
	3	2	" " - -	" -	" "
	4	6	" " - -	" -	" "
	5	6	" " - -	" -	" "
	6	1	" " - -	" -	" "
	7	1	" " - -	" -	" "
	8	1	" " - -	" -	" "
	9	1	" " - -	" -	" "
	10	1	" " - -	" -	" "
	11	3	" " - -	" -	" "
	12	1	" " - -	" -	" "
	13	1	" " - -	" -	" "
	14	1	" " - -	" -	" "
	15	1	" " - -	" -	" "
	16	1	" " - -	" -	" "
	17	1	" " - -	" -	" "
	18	1	" " - -	" -	" "
	19	1	" " - -	" -	" "
	20	1	" " - -	" -	" "
	21	1	" " - -	" -	" "
	22	1	" " - -	" -	" "
	23	3	" " - -	" -	" "
	24	2	" " - -	" -	" "
	25	1	" " - -	" -	" "
	26	1	" " - -	" -	" "
	27	1	" " - -	" -	" "
	28	1	" " - -	" -	" "
	29	1	" " - -	" -	" "
	30	1	" " - -	" -	" "
	31	1	" " - -	" -	" "
	32	1	" " - -	" -	" "
	33	2	" " - -	" -	" "
	34	1	" " - -	" -	" "
	35	1	" " - -	" -	" "
	36	1	" " - -	" -	" "
	37	1	" " - -	" -	" "
	38	1	" " - -	" -	" "
	39	1	" " - -	" -	" "
	40	1	" " - -	" -	" "
	41	1	" " - -	" -	" "
	42	1	" " - -	" -	" "
	43	2	" " - -	" -	" "
	44	1	" " - -	" -	" "
	45	1	" " - -	" -	" "
	46	1	" " - -	" -	" "
	47	1	" " - -	" -	" "

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XV. Shelf.			SECTION 39.		
II.	1	3	Pterichthys major - -	Devonian, or Old Red Sandstone.	Scat Craig (on the banks of the Findhorn).
	2	5	" " - -	" -	" "
	3	1	" " - -	" -	" "
	4	1	" " - -	" -	" "
	5	1	" " - -	" -	" "
	6	2	" " - -	" -	Cockburns Mill, Dunse.
	7	1	" " - -	" -	Kings Steps Quarries, Nairn.
	8	1	" hydrophilus -	" -	Dura Den.
	9	1	" cancriformis -	" -	Orkney.
III.	1	1	Pterichthys cornutus [1] -	" -	Lethen Bar.
	2	1	" " [1] -	" -	" "
	3	1	" latus [1] - -	" -	" "
	4	1	" [1] - - -	" -	" "
	5	1	" productus [1] -	" -	" "
	6	1	" " [1] -	" -	" "
	7	1	" " [1] -	" -	" "
	8	1	" [1] - - -	" -	" "
	9	1	" productus [1] -	" -	" "
IV.	1	2	Coccosteus - - - -	" -	" "
	2	1	" decipiens [1] - -	" -	Tynet Burn, Banff.
	3	1	" " [1] - -	" -	Lethen Bar.
	4	1	" " [1] - -	" -	" "
	5	2	" - - - -	" -	Murkle Bay.
	6	1	" - - - -	" -	Callows Hill Quarry, Thurso.
	7	1	" - - - -	" -	Thurso.
	8	1	" - - - -	" -	Murkle Bay.
	9	1	" - - - -	" -	Tynet Burn.
V.	1	1	" decipiens [1] -	" -	Lethen Bar.
	2	1	" " [1] -	" -	" "
	3	1	" " [1] -	" -	" "
	4	1	" " [1] -	" -	" "
	5	3	" " [1] -	" -	" "
	6	2	" " [1] -	" -	" "
	7	1	" " [1] -	" -	" "
	8	1	" " - -	" -	Eathie, near Cromarty.
VI.	1	1	" - - - -	" -	Caithness.
	2	1	" cuspidatus - -	" -	Thurso.
	3	1	" oblongus [1] - -	" -	Lethen Bar.
	4	1	" - - - -	" -	Thurso.
	5	1	" - - - -	" -	Baligill, near Melvich Sutherland.
	6	1	" - - - -	" -	"
	7	1	" - - - -	" -	Kiltorkan Hill.
	8	1	" - - - -	" -	Thurso.

[1] Presented by Sir R. I. Murchison.

Tablet.	Specimen.	Name.	Formation.	Locality.
		SECTIONS 40, 41.		
1	1	Dipterus - - - -	Devonian, or Old Red Sandstone.	Claredon Bay, 2 miles from Thurso.
2	1	" - - - -	" -	" "
3	1	" - - - -	" -	Caithness.
4	1	" - - - -	" -	Thurso.
5	1	" - - - -	" -	"
6	1	" - - - -	" -	"
7	1	Asterolepis - - - -	" -	King's Steps Quarries, Nairn.
8	1	" [1] - - -	" -	Head of Ayr.
9	4	" [2] - - -	" -	Findhorn.
10	1	Tristychopterus alatus - -	" -	John O'Groat's, Caithness.
11	2	" " - -	" -	" "
12	1	" " - -	" -	" "
1	1	Dipterus - - - -	" -	Button Stroma.
2	1	" - - - -	" -	John O'Groat's, Caithness.
3	4	" - - - -	" -	Caithness.
4	6	" - - - -	" -	"
5	1	" - - - -	" -	Thurso.
6	1	" - - - -	" -	Caithness.
7	5	" - - - -	" -	"
8	1	" - - - -	" -	Thurso.
9	1	" - - - -	" -	"
10	1	" - - - -	" -	Keiss, Wick.
11	1	" - - - -	" -	Banniskirk, Halkirk.
12	1	" - - - -	" -	Thurso.
13	1	" - - - -	" -	John O'Groat's, Caithness.
14	1	" - - - -	" -	Banniskirk, Halkirk.
15	1	" Valenciennesi -	" -	" "
16	1	" " - -	" -	John O'Groat's, Caithness.
17	1	" macrolepidotus -	" -	Near Caithness.
18	1	" " -	" -	Holburn Head, Thurso.
19	1	Phaneropleuron Andersoni -	" -	Dura Den, Fifeshire.
20	1	" " -	" -	" "
21	2	" " -	" -	" "
22	1	" " -	" -	" "
1	1	Holoptychius Andersoni -	" -	" "
2	1	" " -	" -	" "
3	1	" - - -	" -	" "
4	1	Glyptolepis - - - -	" -	Reiss Bay, Wick.
5	1	" - - -	" -	Lethen Bar.
6	1	" - - -	" -	Tynet Burn, Morayshire.

[1] Presented by P. Dovan, Esq. [2] Presented by Sir R. I. Murchison.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
			SECTIONS 40. 41.		
XVI. Shelf. III.	7	1	Glyptolepis leptopterus [1] -	Devonian, or Old Red Sandstone.	Lethen Bar.
	8	1	" - - -	" -	Gamrie.
	9	1	" - - -	" -	Scat Craig.
	10	3	" - - -	" -	Caithness.
	11	2	" - - -	" -	"
	12	2	" - - -	" -	Thurso, Caithness.
	13	1	" - - -	" -	" "
	14	2	" - - -	" -	" "
	15	2	" - - -	" -	" "
	16	2	" - - -	" -	" "
	17	1	" - - -	" -	" "
	18	12	" - - -	" -	" "
	19	1	" - - -	" -	" "
	20	2	" - - -	" -	" "
	21	1	" - - -	" -	Murkle Bay, Caithness.
	22	2	" - - -	" -	Caithness.
	23	1	" - - -	" -	"
	24	1	" - - -	" -	"
IV.	1	1	Glyptolæmus - - -	" -	Elgin.
	2	2	" Kinnairdi -	" -	Dura Den.
	3	1	" " -	" -	Elgin.
	4	1	" " -	" -	"
	5	1	" - - -	" -	"
	6	1	" - - -	" -	Dura Den.
	7	1	" - - -	" -	Elgin.
	8	1	" - - -	" -	
	9	1	" - - -	" -	Dura Den.
V.	1	2	Osteolepis - - - -	" -	Caithness.
	2	1	" - - - -	" -	"
	3	8	" - - - -	" -	"
	4	1	" - - - -	" -	Baligill, Sutherland.
	5	1	" - - - -	" -	Burn of Scrabster, 2 mls. from Thurso.
	6	1	" major [1] - -	" -	Lethen Bar.
	7	1	Gyroptychius - - -	" -	Stromness.
	8	1	" - - -	" -	South Head, Wick.
	9	1	" - - -	" -	" "
	10	4	" [1] - - -	" -	Scat Craig (on the banks of the Findhorn).
	11	1	" - - - -	" -	" "
	12	6	" - - - -	" -	" "
	13	1	" [1] - - -	" -	South Head, Wick.
	14	1	" [1] - - -	" -	" "
	15	1	" [1] - - -	" -	" "
	16	1	" [1] - - -	" -	" "
	17	1	" [1] - - -	" -	" "
	18	2	" [1] - - -	" -	" "
	19	1	Glyptopomus - - -	" -	Dura Den.

[1] Presented by Sir R. I. Murchison.

e.	Tablet.	Specimen.	Name.	Formation.	Locality.
I. 1f.			SECTIONS 40, 41.		
-	1	1	Diplopterus borealis - -	Devonian, or Old Red Sandstone.	Sandside Reay, near Thurso.
	2	1	" - - - -	" -	Thurso.
	3	1	" [1] - - -	" -	Stromness, Orkney.
	4	1	" - - - -	" -	Thurso.
	5	1	" - - - -	" -	"
	6	1	" macrocephalus [2]	" -	Tynet Burn, Banff.
	7	1	" - - - -	" -	Thurso.
	8	1	" - - - -	" -	Burn of Scrabster.
	9	1	Osteolepis arenatus [2] - -	" -	Gamrie.
	10	1	" - - - -	" -	Tynet Burn, Morayshire.
	11	1	" - - - -	" -	" "
	12	1	" - - - -	" -	" "
	13	1	" - - - -	" -	East Mey, Caithness.
II. 1f.			SECTIONS 42, 43.		
-	1	1	Slab of Holoptychius Andersoni.	" -	Dura Den.
	2	1	" "	" -	"
	3	1	" "	" -	"
	4	1	" & Phaneropleuron.	" -	"
	5	1	Pterichthys, Glyptolæmus, Phaneropleuron, and Holoptychius.	" -	"
	6	1	Megalichthys Hibberti - -	Coal Measures.	
	7	1	Rhizodus Hibberti - -	" -	Gilmerton.
	8	1	" " - -	" -	"
	9	2	" " - -	" -	"
	10	1	" " [3] - -	Lower Carboniferous Limestone.	Burdie House.
	11	2	" - - - -	" -	"
	12	1	" (coprolites) - -	" -	Pitmilly Barn, Fife Coast.
II.	1	1	New Genus - - - -	Coal Measures.	Airdrie.
	2	1	" " - - - -	" -	"
	3	1	" " - - - -	" -	"
	4	1	" " - - - -	" -	"
	5	1	Rhizodus (scales) - -	" -	Fenton Park.
	6	3	" - - - -	" -	Dysart Harbour, Fife.
	7	2	" - - - -	" -	Opposite Dysart, Fife.
	8	2	" Portlocki - - -	Lower Carboniferous.	Berwick on Tweed.
	9	1	" " - - -	" -	Maghera, Derry.
	10	3	" " - -	" -	" "

[1] Presented by W. J. Hamilton, Esq. [2] Presented by Sir R. I. Murchison.
[3] Presented by A. C. Ramsay, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality
XVII. Shelf.			SECTIONS 42, 43.		
II.	11	2	Rhizodus granulatus - -	Coal Measures.	Dysart Harbou
	12	5	„ Portlocki (teeth) -	Lower Carboniferous.	Maghera, Derr
	13	1	„ Hibberti - -	Coal Measures.	Denhead, St. A
	14	1	„ - - - -	„ -	Near Glasgow
	15	1	„ Hibberti - -	„ -	Gilmerton.
	16	1	„ (coprolites) - -	Lower Carboniferous.	N. of Anstruth
	17	2	„ „ - -	„ -	Granton Breal
	18	4	„ „ - -	„ -	Burdie House.
	19	10	„ „ - -	„ -	Near Glasgow.
	20	2	„ Hibberti [1] - -	Coal Measures.	Gilmerton.
	21	1	„ „ - -	„ -	„
	22	1	„ „ - -	„ -	„
	23	1	„ „ - -	„ -	„
	24	1	„ „ - -	„ -	„
	25	1	„ „ - -	„ -	„
	26	1	„ „ - -	„ -	„
	27	1	„ „ - -	„ -	„
	28	1	„ „ - -	„ -	„
	29	1	„ „ - -	„ -	„
	30	1	„ „ - -	„ -	„
III.	1	1	Megalichthys Hibberti - -	„ -	
	2	1	„ „ [2] - -	„ -	EarlGranville's Shelton, Staff
	3	1	„ „ - -	„ -	Airdrie.
	4	1	„ „ - -	„ -	„
	5	1	„ „ - -	„ -	1 mile E. of L of Mancheste
	6	1	„ „ - -	„ -	Airdrie.
	7	1	„ „ - -	„ -	„
	8	1	„ „ - -	„ -	Palace Craig,
	9	1	„ „ - -	„ -	Airdrie.
	10	2	„ „ - -	„ -	Kilburn Collie byshire.
	11	1	„ „ - -	„ -	Cameron Brid
	12	3	„ „ - -	„ -	Lane End, Staff
	13	1	„ „ - -	„ -	Bare Moon Co
	14	1	„ „ - -	„ -	Ballycastle, Ar
	15	1	„ „ - -	„ -	Methel Hill I shire.
	16	2	„ „ - -	„ -	Llangollen.
	17	3	„ „ - -	„ -	Coalbrooke Da
	18	4	„ „ - -	„ -	„
	19	1	„ „ - -	„ -	1 mile E. of L of Mancheste
	20	1	„ „ - -	„ -	MadelyPits, Co Dale.

[1] Presented by Sir Henry James. [2] Presented by R. Garner, Es

Tablet.	Specimen.	Name.	Formation.	Locality.
		SECTIONS 42, 43.		
21	4	Megalichthys Hibberti - -	Coal Measures.	No. 1, Lane End, Staffordshire. " 2, Cameron Bridge, Fife.
22	3	" " - -	" -	Fenton, Staffordshire.
23	1	- - - - - -	Lower Carboniferous.	Burdie House.
24	1	- - - - - -	" -	"
25	4	- - - - - -	" -	Maghera, Derry.
26	1	- - - - - -	Coal Measures.	Coalbrooke Dale.
27	1	- - - - - -	" -	Ireland.
28	4	Strepsodus - - - -	" -	No. 1, Airdrie. " 2, Fenton, Staffordshire.
29	1	" - - - -	" -	Airdrie.
30	1	" - - - -	" -	"
31	1	" - - - -	" -	"
32	1	Cœlacanthus - - -	" -	Pendleton.
33	1	" - - -	" -	1 mile E. of Leigh, W. of Manchester.
34	1	" - - -	" -	Longton, N. Staffordshire.
35	1	" - - -	" -	Pendleton.
36	1	" - - -	" -	Ladies Well Colliery, Cheadle.
37	1	" lepturus - -	" -	
38	1	" " - -	" -	
39	1	" - - -	" -	Kingsley Moor, N. Staffordshire.
40	1	" - - -	" -	" "
41	1	" - - -	" -	" "
1	1	Cheirolepis Trailli - -	Devonian or Old Red.	Stromness.
2	1	" " - -	" -	"
3	1	" " - -	" -	Orkney.
4	1	" Cummingiæ [1] -	" -	Lethen Bar.
5	1	" " [1] -	" -	" "
6	1	" " -	" -	Tynet Burn, Banff.
7	1	" " [1] -	" -	Nairnshire.
8	1	Diplacanthus - - -	" -	Tynet Burn, Morayshire.
9	1	" - - -	" -	" "
10	1	" - - -	" -	" "
11	1	" - - -	" -	" "
12	1	" - - -	" -	" "
13	1	" striatus -	" -	Cromarty.
14	1	" " - -	" -	"
15	1	" - - -	" -	Tynet Burn, Morayshire.
16	1	" - - -	" -	" "

[1] Presented by Sir R. I. Murchison.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality
			SECTIONS 42, 43.		
XVII. Shelf. IV.	17	1	Diplacanthus crassispinus [1]	Devonian, or Old Red.	Stromness, Ork
	18	1	" "	"	Skaill, Orkney.
	19	1	Cheiracanthus Murchisoni [2]	"	Gamrie.
	20	1	" microlepidotus [2]	"	Lethen Bar.
	21	1	"	"	Tynet Burn.
	22	1		"	Stromness.
	23	1		"	"
	24	1		"	"
	25	1	Climatius scutiger [3]	"	Farwell, Forfa
	26	1	" " [3]	"	" "
	27	1	"	"	Gallows Hill, T
	28	1	Acanthodes Peachii [4]	"	East Mey, Cait
	29	1	" " [4]	"	"
	30	1	" " [4]	"	"
	31	1	" Mitchelli [3]	"	Reswallie, Forf
	32	1	" " [5]	"	Near Montrose
			SECTION 44.		
XVIII. Shelf. II.	1	1	Platysomus	Coal Measures.	Fenton Park.
	2	1	" [6]	"	Stanton, Derby
	3	1	"	"	
V.	1	1	Amblypterus [7]	"	Burnt Island.
	2	1	"	"	Newhall's, South ferry.
	3	1	"	Carboniferous Limestone.	St. Andrew's.
	4	1	"	"	Burdie House.
	5	1	"	Coal Measures.	Ballycastle.
VI.	1	1	Palæoniscus [8]	"	Stanton, Derby
	2	1	"	Carboniferous Limestone.	Maghera, Derr
	3	1	" [8]	Coal Measures.	Dudley.
	4	1	" [9]	"	Stanton, Derby
	5	3	"	Millstone Grit.	March Hill, 5 1 Dobcross.
	6	4	"	Carboniferous Shales.	Skrinkle Bay.
	7	2		Coal Measures.	Bagillt, Holyw

[1] Presented by — Sloper, Esq. [2] Presented by Sir R. I. Murchi
[3] " James Powrie, Esq. [4] " C. W. Peach, Esq
[5] " W. Beattie, Esq. [6] " C. C. Plevins, Es
[7] " W. Hackney, Esq. [8] " S. Blackwell, Esq
[9] Presented by John Rogers, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XVIII. Shelf. VI.			SECTION 44.		
	8	1	- - -	Coal Measures.	1 m. E. of Leigh, W. of Manchester.
	9	2	- - -	" -	" "
	10	1	- - -	" -	Woodbank, Fifeshire.
X. Shelf.			SECTION 45.		
	1	1	Ctenacanthus tenuistriatus -	Carboniferous Limestone.	Bristol.
	2	1	" " -	" -	Owl Hill, Awthorns.
	3	1	" major - -	" -	Forest of Dean.
	4	1	" " - - -	" -	Awthorns, 3 m. W. of Mitchel Dean.
	5	1	" " - -	" -	Mitchel Dean.
	6	2	" minor - -	" -	Bristol.
	7	1	" brevis - -	" -	"
	8	1	" " - -	" -	"
	9	1	" " - -	" -	Clifton.
	10	1	" ornatus - -	" -	Armagh.
	11	1	" hybodoides [1] -	Coal Measures.	Cow Talwn Works, Mold.
	12	1	" " -	" -	Dalkeith.
	13	1	" - - -	Carboniferous Limestone.	Mitchel Dean.
	14	1	" - - -	" -	Bristol.
	15	1	" - - -	" -	"
	16	1	" - -	" -	West Angle Bay, Pembrokeshire.
	1	1	Ctenacanthus - - -	" -	Hook Point, Wexford.
	2	2	" - - -	" -	Bristol.
	3	1	" - - -	" -	Near Ruthin, N. Wales.
	4	1	" - - -	" -	Bristol.
	5	1	" - - -	" -	
	6	1	Gyracanthus tuberculatus -	Coal Measures.	
	7	2	" " -	" -	Coalbrooke Dale.
	8	1	" " -	" -	E. of Lochgelly.
	9	1	" " -	Carboniferous Limestone.	Maghera, Derry.
	10	6	" " -	" -	"
	11	1	" formosus -	Coal Measures.	10 chains N.W. of Kingswinford Church, near Dudley.
	12	4	" " -	Carboniferous Limestone.	Maghera, Derry.

[1] Presented by R. Gibbs, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIX. Shelf.			SECTION 45.		
II.	13	1	Gyracanthus - - -	Coal Measures.	Flint.
	14	1	Tristychius? minor - -	Carboniferous Limestone.	Drunchieran, Fermanagh.
	15	1	Physonemus subteres - -	" -	Armagh.
	16	8	Orthacanthus cylindricus -	Coal Measures.	Fenton, Staffordshire.
	17	1	Onchus - - - -	Carboniferous Limestone.	Owl Hill, Awthorns.
	18	1	" - - - -	Coal Measures.	Fenton, Staffordshire.
III.	1	1	Petalodus - - - -	Carboniferous Limestone.	Moor Edge Barn, Bakewell.
	2	1	" - - - -	" -	Armagh.
	3	2	" - - - -	" -	Bakewell.
	4	2	" - - - -	" -	Charleston, Fife.
	5	4	" - - - -	" -	Armagh.
	6	1	" sagittatus -	" -	"
	7	1	" Hastingsiæ -	" -	Yorkshire.
	8	1	" " - -	" -	Clogher, Tyrone.
	9	3	" " - -	" -	Richmond, Yorkshire.
	10	8	" " - -	" -	Armagh.
	11	10	" serratus - -	" -	"
	12	7	" dentatus - -	" -	"
	13	10	" psittacinus - -	" -	"
	14	1	" - - - -	" -	Cromford Station.
	15	1	" - - - -	" -	Near Glasgow.
	16	1	Cladodus striatus - -	" -	Armagh.
	17	1	" conicus - -	" -	Bristol.
	18	1	" basalis - -	" -	Armagh.
	19	3	" - - - -	" -	Mitchel Dean.
	20	1	" - - - -	" -	Armagh.
	21	1	" - - - -	" -	Bakewell.
	22	1	Orodus ramosus - -	" -	Mitchel Dean.
	23	1	" " - - -	" -	" "
	24	1	" " - - -	" -	Cumberland.
	25	1	" cinctus - - -	" -	New Road, Clifton.
	26	1	" - - - -	" -	Howl Hill, Ross.
	27	1	Polyrhizodus radicans -	" -	Armagh.
	28	1	Ctenoptychius apicalis [2] -	Coal Measures.	Ashby-de-la-Zouche.
	29	1	" macrodus -	Carboniferous Limestone.	Carnteel, Tyrone.
	30	4	" - - -	Coal Measures.	North Staffordshire.

[1] Presented by the Rev. W. H. Coleman.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIX. Shelf. III.			SECTION 45.		
	31	2	Ctenoptychius [1] - -	Carboniferous Limestone.	Richmond, Yorkshire.
	32	4	Pleuracanthus gibbosus [2] -	Coal Measures.	Hanley, Staffordshire.
	33	2	" " - -	" -	
	34	3	" " and minutus.	" -	North Staffordshire.
	35	2	" minutus -	" -	No. 1, West Wemyss Castle, Kirkcaldy. " 2, Dysart.
	36	1	" gibbosus -	" -	Square Town, 2 m. S. of Portobello.
IV.	1	1	Pœcilodus - - -	Coal Measures.	Russell's Hall, Dudley.
	2	3	" - - - -	" -	Coalbrooke Dale.
	3	2	" angustus - -	" -	" "
	4	3	" " - -	" -	Flintshire ?
	5	1	" sublævis - -	Carboniferous Limestone.	Armagh.
	6	4	" " - -	" -	"
	7	8	" Jonesii - -	" -	"
	8	2	" " - -	" -	"
	9	2	" obliquus - -	" -	"
	10	6	" " - -	" -	"
	11	6	" transversus - -	" -	"
	12	4	Chomatodus truncatus - -	" -	"
	13	1	" " - -	" -	"
	14	1	" linearis - -	" -	Fermanagh.
	15	7	Psammodus cornutus - -	" -	Armagh.
	16	12	" porosus - -	" -	"
	17	1	" " - -	" -	"
	18	2	" " - -	" -	Lesmahago.
	19	1	" " - -	" -	Armagh.
	20	1	" " - -	" -	Bristol.
	21	1	" " - -	" -	Mitchel Dean.
	22	1	" - - - -	" -	" "
	23	2	" ornatus - -	" -	Armagh.
	24	4	" rugosus - -	" -	"
	25	2	" " - -	" -	"
	26	1	" " - -	" -	"
	27	1	" " - -	" -	"
	28	2	" - - - -	" -	Ashford.
	29	1	" - - - -	" -	Kendal, Westmoreland.
V.	1	2	Cochliodus magnus - -	" -	Lesmahago.
	2	2	" " - -	" -	Armagh.
	3	2	" " - -	" -	"
	4	4	" " - -	" -	"

[1] Presented by E. Wood, Esq. [2] Presented by — Neeve, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
			SECTION 45.		
XIX. Shelf. V.	5	7	Cochliodus magnus	Carboniferous Limestone.	Armagh.
	6	2	" "	"	"
	7	5	" acutus	"	"
	8	8	" contortus	"	"
	9	3	" aliformis	"	Howl Hill, Mitchel Dean.
	10	8	" "	"	" "
	11	4	" "	"	" "
	12	1	" oblongus	"	Armagh.
	13	7	" "	"	"
	14	2	"	"	"
	15	1	" costatus	"	"
	16	1	"	"	"
	17	4	"	"	Howl Hill, Mitche Dean.
	18	1	"	"	" "
	19	3	"	"	Llangollen Crags.
	20	2	"	"	Oswestry.
	21	1	"	"	Black Rock, Bristol.
	22	1	"	"	" "
	23	8	Helodus didymus	"	Armagh.
	24	9	" gibberulus	"	"
	25	9	" planus	"	"
	26	2	" "	"	"
	27	1	" turgidus	"	"
	28	2	" "	"	Black Rock, Bristol.
	29	2	" "	"	Lower Howl, Forest o Dean.
	30	1	" "	"	Skrinkle Bay, Pem brokeshire.
	31	1	" mammillaris	"	Armagh.
	32	7	" obliquus	"	"
	33	10	"	"	"
	34	1	"	"	West Angle Bay.
	35	2	"	"	Bristol.
			SECTION 46.		
XX. Shelf. IV.	1	1	Pygopterus	Permian or Magnesian Limestone.	Durham.
	2	1		"	"
	3	1	" mandibularis [1]	"	Cullercoats, Durham.
V.	1	1		"	Tulwell, Sunderland.
	2	1		"	Darlington.
	3	1		"	"
	4	1		"	Durham.

[1] Presented by W. Howse, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XX. Shelf.			SECTION 46.		
V.	5	1	- - - - -	Permian or Magnesian Limestone.	Darlington.
	6	1	- - - - -	" -	Durham.
	7	1	- - - - -	" -	"
	8	1	- - - - -	" -	Darlington.
VI.	1	1	Palæoniscus comptus - -	" -	Cullercoats, Durham.
	2	1	" " [1] - -	" -	" "
	3	1	" " [1] - -	" -	" "
	4	1	" catopterus -	" -	Rhone Hill, Tyrone.
	5	1	" elegans [1] -	" -	Cullercoats, Durham.
	6	1	" " [1] - -	" -	" "
	7	1	" " - -	" -	Durham.
	8	1	" longissimus [1] -	" -	Cullercoats, Durham.
	9	1	" [2] - - -	" -	Durham.
	10	1	" - - - -	" -	Darlington.
	11	1	" - - - -	" -	Ferry Hill.
	12	1	" [1] - - -	" -	Cullercoats, Durham.
	13	1	" - - - -	" -	Darlington.
XXI. Shelf.			SECTION 47.		
III.	1	1	- - - - -	Coal Measures.	Palace Craig, Airdrie.
	2	1	- - - - -	" -	" "
IV.	1	1	Anthracosaurus Russellii -	" -	Airdrie.
	2	1	- - - - -	" -	
	3	1	- - - - -	" -	
V.	1	1	Loxomma Allmanni - -	" -	Airdrie.
	2	1	" - - - -	" -	"
	3	1	" - - - -	" -	"
	4	1	- - - - -	" -	"
	5	1	- - - - -	" -	"

[1] Presented by W. Howse, Esq. [2] Presented by W. King, Esq.

Carboniferous Series. (Flat Cases 36 to 49.)

G.—MILLSTONE GRIT GROUP. Sect. I.—Flat Case xlvii.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
xlvii.	45	1	Beyrichia - - - -	Millstone Grit.	Holcombe Brook, Summerseat.
	46	1	Productus Cora [1] - -	" -	Sweeny Mountain, Oswestry.
	47	1	" concinnus [1] -	" -	" "
	48	1	" " [1] -	" -	" "
	49	1	" semireticulatus -	" -	Tyfyn uchaf, Ruabon.
	50	4	" longispina - -	" -	" "
	51	2	Chonetes Hardrensis - -	" -	Westleigh, N. Devon.
	52	5	Spirifer trigonalis - -	" -	Tyfyn uchaf, Ruabon.
	53	2	Athyris ambigua - -	" -	" "
	54	6	" - - - -	" -	" "
	55	2	Rhynchonella pleurodon [1] -	" -	Sweeny Mountain, Oswestry.
	56	1	Aviculopecten papyraceus -	" -	4½ m. W. by N. of Rochdale.
	57	2	" " -	" -	Shell Brook, Bosley.
	58	4	Posidonia Gibsoni - -	" -	Dry Clough, 8 m. N. of Dobecross.
	59	2	" " - - -	" -	Waterfall 1 m. N. of Bradshaw.
	60	1	Posidonomya Becheri - -	" -	Loughshinny, Dublin.
	61	3	Monotis? obtusa - -	" -	Forestone Edge, 6 m. N. of Dobecross.
	62	1	Schizodus, sp. [1] -	" -	Sweeny Mountain, Oswestry.
	63	1	Edmondia, sp. [1] -	" -	" "
	64	5	Pleurotomaria fusiforme -	" -	W. of Tormorden.
	65	1	Euomphalus - - -	" -	The Combes, 3 m. S.S.E. of Leek.

[1] Presented by — Prosser, Esq.

Carboniferous Series. (Wall Cases 13, 14, and 22 to 24.)

G.—MILLSTONE GRIT GROUP. Sect. III.

Wall Cases xiv. xxiii.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIV. Shelf. V.	41	1	Zaphrentis [1] - - -	Millstone Grit.	Sweeny Mountain, Oswestry.
	42	3	Goniatites spiralis - -	" -	S. foot of Pole Hill, Yorkshire.
	43	4	" bilinguis - -	" -	March Hill, 5 m. N. of Dobecross.
	44	1	" " - - -	" -	Holcombe Brook, near Summerseat, Lancashire.
	45	7	" " - - -	" -	Pule Moss, 3 m. N. E. of Diggle.
	46	5	" " - - -	" -	S. foot of Pole Hill Yorkshire.
	47	6	" " - - -	" -	Forestone Edge, 6 m. N. of Dobecross.
	48	1	" " - - -	" -	Holcombe Brook, Summerseat, Lancashire.
	49	5	" reticulatus -	" -	Felt House Wood, 4 m. S. by W. of Leek.
	50	2	" " - -	" -	Adit by Feeder, Cartridge Wood, Bosley.
	51	1	" " - -	" -	Tyfyn uchaf, Ruabon.
	52	3	" " - -	" -	Rhymney Gate, Breconshire.
	53	8	" " - -	" -	Todmorden.
	54	5	" Jossæ - -	" -	Holcombe Brook, Summerseat.
	55	5	" Looneyi - -	" -	Todmorden.
	56	1	" excavatus - -	" -	Felt House Wood, 4 m. S. by W. of Leek.
	57	1	" crenistria - -	" -	Swimbridge, N. Devon.
	58	3	" carbonarius -	" -	" "
	59	3	" " - -	" -	Venn Quarry, "
	60	1	" Listeri - -	" -	Rhymney Gate, Breconshire.
	61	9	" " - - -	" -	4½ m. W. by N. of Rochdale.
	62	3	" spirorbis - -	" -	Westleigh, N. Devon.
	63	1	" mixolobus -	" -	" "
	64	1	" " - -	" -	Lee Wood, Ashbrittle.
	65	1	" " - -	" -	Westleigh.
	66	8	" sp. - -	" -	The Combes, 3 m. S.S.E. of Leek.

[1] Presented by — Prosser, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIV. Shelf. V.	67	1	Goniatites, sp. - -	Millstone Grit.	Felt House Wood, 4 m. S. by W. of Leek.
	68	1	„ „ - -	„ -	The Combes, 3 m. S.S.E. of Leek.
	69	1	„ „ - -	„ -	Rhymney Gate, Breconshire.
	70	1	Nautilus subsulcatus - -	„ -	The Combes, 3 m. S.S.E. of Leek.
	71	1	Orthoceras - - -	„ -	Swimbridge, N. Devon.
	72	1	„ cylindraceum -	„ -	Bickinton.
	73	2	Tracks of Gasteropod -	„ -	Alston Moor, Cumberland.
	74	1	„ Annelides -	„ -	„ „
XXIII. Shelf. I.			SECTIONS 51, 52, 53.		
	1	2	Calamites pachyderma -	„ -	Waterfall, 1 m. N. of Bradshaw, Lancashire.
	2	1	„ Rœmeri - -	„ -	Crediton, Devonshire.
	3	1	„ undulatus - -	„ -	Brook's bottom, near Summerseat, Lancashire.
	4	1	Asterophyllites tuberculatus	„ -	„ „
	5	1	Sphenopteris acutifolia -	„ -	Red Lumb, 5 m. W. by N. of Rochdale.
	6	2	„ obtusiloba -	„ -	Brook's bottom, near Summerseat, Lancashire.
	7	1	„ adiantoides, dissecta, and fucata.	„ -	„ „
	8	2	Neuropteris flexuosa - -	„ -	„ „
	9	1	Nœggarathia - - -	„ -	Red Lumb, 5 m. W. by N. of Rochdale.
	10	1	Pecopteris - - - -	„ -	Moor Park near Bideford.
	11	3	Alethopteris lonchitidis -	„ -	Brook's bottom, near Summerseat.
	12	1	Stigmaria - - - -	„ -	Crediton, Devonshire.
	13	1	„ [1] - - - -	„ -	Richmond.
	14	2	Sigillaria hexagona - -	„ -	Red Lumb, 5 m. W. by N. of Rochdale.
	15	1	„ mammillata - -	„ -	„ „
	16	1	„ elliptica - -	„ -	„ „
	17	1	„ - - - -	„ -	Near Crediton, Devonshire.
	18	1	Lepidodendron - - -	„ -	W. of Tormorden.
	19	1	Sternbergia - - -	„ -	Crediton, Devonshire.
	20	1	Stem of a large tree fern [2] -	„ -	Longnor, Derbyshire.

[1] Presented by E. Wood, Esq. [2] Presented by J. Phillips, Esq.

Carboniferous Series. (Flat Cases 36 to 49.)

H.—COAL MEASURE GROUP. Sect. I.

Flat Cases xlviii. xlix.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
xlviii.	1	1	Cytheropsis	Coal Measures.	North Staffordshire.
	2	3	" [1]	"	Dudley.
	3	1	" [2]	"	Assedale.
	4	1	Beyrichia arcuata [3]	"	Glasgow.
	5	2	" " [4]	"	Ashby-de-la-Zouche.
	6	1	" "	"	EagleyShore,nr.Bolton.
	7	2	Estheria tenella	"	Bradford, near Manchester.
	8	2	" " [3]	"	Carluke.
	9	2	Naiadites	"	Moss House, 3½ m. S.W. of Bolton.
	10	1	Pygocephalus Cooperi	"	Medlock Park Bridge, Ashton-under-Lyne.
	11	1	Anthrapalæmon Grossartii [3]	"	Shotts, Lanarkshire.
	12	1	" dubius [5]	"	Coalbrooke Dale.
	13	1	Limulus trilobitoides [5]	"	" "
	14	1	" " [6]	"	Lancashire Coal-fields.
	15	2	" anthrax [5]	"	Coalbrooke Dale.
	16	1	" rotundatus [7]	"	" "
	17	1	" " [5]	"	" "
	18	2	Bellinurus Reginæ	"	Bilboa Colliery, Queens County.
	19	1	" arcuatus	"	" "
	20	2	Spirifer bisulcatus [8]	"	Coalbrooke Dale.
	21	4	" "	"	" "
	22	1	" "	"	Clydach.
	23	4	" glaber	"	Glan Rhymney, S. Wales.
	24	2	" Urii	"	" "
	25	2	Athyris ambigua [9]	"	N. of Cwm Ammon, Caermarthenshire.
	26	2	"	"	Rhymney Gate.
	27	2	Rhynchonella	"	Coalbrooke Dale.
	28	3	"	"	" "
	29	2	Orthis Michelini	"	Rhymney Gate S. Wales.
	30	2	Streptorhynchus crenistria	"	Beaufort.
	31	2	Chonetes Hardrensis	"	Glan Rhymney, S. Wales.
	32	1	" " [10]	"	Rhymney Gate.

[1] Presented by S. Bakewell, Esq.
[2] Presented by W. Molyneux, Esq.
[3] " W. Grossart, Esq.
[4] " the Rev. W. H. Coleman.
[5] " J. P. Prestwich, Esq.
[6] " E. W. Binney, Esq.
[7] " the Rev. P. B. Brodie.
[8] " S. P. Pratt, Esq.
[9] " E. H. Sheppard, Esq.
[10] " Dr. G. Bevan.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XLVIII.	33	7	Productus scabriculus - -	Coal Measures.	Coalbrooke Dale.
	34	6	" " - -	" -	Portway Hall, Dud
	35	1	" " - -	" -	Coalbrooke Dale.
	36	6	" semireticulatus -	" -	Beaufort.
	37	3	" " [1]	" -	Rhymney Gate, Br nockshire.
	38	2	" concinnus [1] - -	" -	" "
	39	13	Discina nitida - - -	" -	Coalbrooke Dale.
	40	4	" " - - -	" -	" "
	41	2	" " - - -	" -	Portway Hall, Dud
	42	1	" " [1] - - -	" -	Rhymney Gate, B nockshire.
	43	1	Lingula squamiformis - -	" -	Gilmerton.
	44	1	" mytiloides - -	" -	Donnington Wood lop.
	45	1	" " - -	" -	" "
	46	4	" " - -	" -	No. 1, Portway Dudley. " 2, Factory, Old
	47	1	" " [1] - -	" -	Newport.
	48	1	Aviculopecten papyraceus -	" -	Waterhead, Oldha
	49	1	" " -	" -	Dalesgate.
	50	4	" " -	" -	L. Lomax, Bury, cashire.
	51	1	" " -	" -	Rivington.
	52	3	" scalaris -	" -	Coalbrooke Dale.
	53	1	" " -	" -	CwmBryn ddu, S.W
	54	5	" fibrillosus -	" -	Ashton-under-Ly
	55	1	" gentilis -	" -	Beaufort.
	56	3	" - - -	" -	"
	57	1	Avicula? - - -	" -	Ballyhemmin Bro
	58	2	Monotis lævis - - -	" -	Shore Edge 4 m. Oldham.
	59	1	" obtusa - - -	" -	Count Hill, N.E. Oldham.
	60	1	Posidonia Gibsoni - -	" -	Froghall, N. Sta shire.
	61	3	Modiola - - - -	" -	Jarrow Colliery.
	62	1	" - - - -	" -	N.W. of Kingswi Church, Dudley.
	63	1	" - - - -	" -	Bagillt, Holywell.
XLIX.	1	4	Anthracosia robusta - -	" -	Lanarkshire.
	2	5	" " - -	" -	Glasgow.
	3	2	" rugosa [2] - -	" -	Burnley, Lancashi
	4	3	" acuta - -	" -	Unston, Derbyshir
	5	1	" " [3] - -	" -	North Staffordshir
	6	3	" " [4] - -	" -	Cwm Ammon, marthenshire.
	7	1	" " - -	" -	Cheadle, N. Sta shire.

[1] Presented by Dr. G. Bevan.
[2] Presented by E. W. Binney, Esq.
[3] " W. Molyneux, Esq.
[4] " E. H. Sheppard, Esq

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
LIX.	8	2	Anthracosia acuta [1] - -	Coal Measures.	Glasgow.
	9	3	" " - -	" -	Bagillt, Holywell.
	10	6	" " - -	" -	Mold.
	11	4	" lateralis - -	" -	No. 1, Fenton Park. " 2, Dividy Lane, Longton.
	12	5	" ovalis - -	" -	Dividy Lane, Longton.
	13	3	" " - -	" -	Chalky Mine, Silverdale, Staffordshire.
	14	10	" " [2] - -	" -	Ebbw Vale.
	15	3	" " - -	" -	Coalbrooke Dale.
	16	1	" " [3] - -	" -	Cwm Ammon, Caermarthenshire.
	17	3	" centralis - -	" -	Airdrie.
	18	6	" subcentralis -	" -	Fenton Park.
	19	3	" subconstrictus -	" -	No. 1, Coalbrooke Dale. " 2, Adderley Green, Staffordshire.
	20	9	" æquilina -	" -	Coalbrooke Dale.
	21	1	" " [1] -	" -	Glasgow.
	22	4	Anthracomya Adamsii -	" -	Hanley, N. Staffordshire.
	23	1	" " -	" -	Fenton Park, "
	24	1	" dolabrata [3] -	" -	Cwm Ammon, Caermarthenshire.
	25	4	" " -	" -	Coalbrooke Dale.
	26	2	" modiolaris [3] -	" -	Cwm Ammon, Caermarthenshire.
	27	1	" " [1] -	" -	Glasgow.
	28	1	" " -	" -	Coalbrooke Dale.
	29	1	" senex [2] -	" -	Ebbw Vale.
	30	2	" " [3] -	" -	Cwm Ammon, Caermarthenshire.
	31	1	" subcentralis -	" -	Fenton Park, N. Staffordshire.
	32	1	" Phillipsia -	" -	Patricroft, Manchester.
	33	1	" " -	" -	Bradford Colliery, Ardwick.
	34	6	" - - -	" -	Fenton Park, Longton.
	35	2	" [1] - - -	" -	Glasgow.
	36	4	Anthracoptera Browniana -	" -	Freemans Colliery, Copull.
	37	1	" " [4] -	" -	Hanley.
	38	1	" triangularis [5] -	" -	N. Staffordshire.
	39	2	" modiolaris -	" -	Dividy Lane, Longton.
	40	1	" " -	" -	Longton.
	41	3	" quadrata -	" -	"
	42	4	" " -	" -	Coalbrooke Dale.
	43	1	" " [1] -	" -	Glasgow.
	44	6	" carinata -	" -	Trentham, S. Staffordshire.

[1] Presented by W. Grossart, Esq. [2] Presented by W. Adam, Esq.
" E. H. Sheppard, Esq. [4] " J. Ward, Esq.
[5] Presented by W. Molyneux, Esq.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XLVIII.	34	3	Anthracosia ovalis - -	Coal Measures.	Dudley.
	35	5	" subconstricta -	" -	West Weymss, Fife.
	36	1	" æquilina - -	" -	Hanley.
	37	3	" " - -	" -	Coalbrooke Dale.
	38	1	" lateralis - -	" -	Ebbw Vale.
	39	6	" - - - -	" -	Glasgow.
	40	2	" - - - -	" -	Dudley.
	41	11	" - - - -	" -	Royds Hall.
	42	1	" - - - -	" -	S.W. of Deepcar, near Sheffield.
	43	1	" - - - -	" -	Adderley Green, N. Staffordshire.
	44	1	" - - - -	" -	Fenton Park, N. Staffordshire.
	45	1	" - - - -	" -	Adderley Green, N. Staffordshire.
	46	2	" - - - -	" -	Dividy Lane, Longton.
	47	5	" - - - -	" -	Ebbw Vale.
	48	5	" - - - -	" -	Townhead, Glasgow.
	49	5	" - - - -	" -	Royds Hall.
	50	1	" - - - -	" -	Lomaxfold, Little Lever, Bolton.
	51	1	" - - - -	" -	Fenton Park.
XLIX.	1	1	Anthracomya dolabrata [1] -	" -	Coalbrooke Dale.
	2	2	" modiolaris -	" -	Bilboa, Queen's Co.
	3	2	" " [2] -	" -	North Staffordshire.
	4	5	" Phillipsia -	" -	Ardwick, near Manchester.
	5	1	" " [3] -	" -	Longton.
	6	2	" " -	" -	Apedale, Staffordshire.
	7	1	" - - -	" -	Fenton Park.
	8	1	" - - -	" -	Coalbrooke Dale.
	9	2	" - - -	" -	Glasgow.
	10	3	" - - -		
	11	1	" - - -	" -	Harecastle, N. Staffordshire.
	12	9	" [4] - - -	" -	Glasgow.
	13	1	Anthracoptera Browniana -	" -	Fenton Park, N. Staffordshire.
	14	1	" quadrata -	" -	Portway Hall, Dudley.
	15	2	" " -	" -	S. Wales.
	16	2	" " -	" -	Portway Hall, Dudley.
	17	1	" carinata [5] -	" -	Cwm Ammon, Caermarthenshire.
	18	1	" modiolaris -	" -	Fenton Park, Longton.
	19	1	" - - -	" -	North Staffordshire.
	20	1	" - - -	" -	Factory N. of Oldbury, Dudley.
	21	1	" - - -	" -	" "

[1] Presented by W. T. Scott, Esq. [2] Presented by W. Molyneux, Esq.
[3] " J. Ward, Esq. [4] " W. Grossart, Esq.
[5] Presented by E. Sheppard, Esq.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XLIX.	22	1	Anthracoptera - - -	Coal Measures.	Mount Pleasant, Fenton.
	23	1	" - - -	" -	Fenton Park, N. Staffordshire.
	24	2	Schizodus sulcatus - -	" -	Cum Bryn ddu, S. Wales.
	25	3	" carbonarius - -	" -	" "
	26	2	Myacites sulcatus - - -	" -	Glan Rhymney, S. Wales.
	27	1	" - - - -	" -	Coalbrooke Dale.
	28	4	" - - - -	" -	Beaufort.
	29	1	" - - - -	" -	N. Staffordshire.
	30	1	" - - - -	" -	Coalbrooke Dale.
	31	1	" - - - -	" -	West Wemyss, Fife.
	32	1	" - - - -	" -	Coalbrooke Dale.
	33	1	Anatina - - - -	" -	Wookbank, Fifeshire.
	34	1	Ctenodonta - - - -	" -	Beaufort.
	35	2	" - - - -	" -	Ashton-under-Lyne.

CARBONIFEROUS SERIES. (Wall Cases 13, 14, and 22 to 24.)

H.—COAL MEASURE GROUP. SECT. III.
WALL CASES XIV., XXIII., &c.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIV. Shelf. VI.	1	3	Rhodocrinus quinquangularis	Coal Measures.	Coalbrooke Dale.
	2	1	Arm of Encrinite - -	" -	Lancashire Coal-field.
	3	1	Palæchinus - - - -	" -	¾ m. N.E. of Portway.
	4	3	Serpula carbonaria - -	" -	Lee Botwood, Shropshire.
	5	1	" " - -	" -	" "
	6	2	Spirorbis carbonarius - -	" -	Tamworth.
	7	2	" " - -	" -	Baxterly Nuneaton Coal-field.
	8	1	Serpulites ? - - - -	" -	Coalbrooke Dale.
	9	10	Nautilus clitellarius - -	" -	" "
	10	8	" concavus - -	" -	" "
	11	2	" subsulcatus - -	" -	" "
	12	3	" sp. - -	" -	" "
	13	2	" præcox - - -	" -	Ashton-under-Lyne.
	14	1	" (Discites) falcatus -	" -	" " "
	15	3	" " " -	" -	Coalbrooke Dale.
	16	1	" " " -	" -	Glan Rhymney, S. Wales.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIV. Shelf. VI.		1	Nautilus (Discites) rotifer -	Coal Measures.	Ashton-under-Lyne.
	8		„ „ sp. -	„ -	„ „ „
	9		„ „ „ -	„ -	„ „ „
	20	1	„ „ -	„ -	„ „ „
	21	2	Orthoceras (Ormoceras) [1] -	„ -	Redesdale, Northumberland.
	22	9	Goniatites Listeri - - -	„ -	Shore Edge, 4 miles N. of Oldham.
	23	5	„ „ - - -	„ -	Syke Colliery, Rochdale.
	24	5	„ „ - - -	„ -	Froghall, N. Staffordshire.
	25	6	„ „ - - -	„ -	Glan Rhymney, S. Wales.
	26	4	„ „ - - -	„ -	Waterhead, Oldham.
	27	10	„ „ - - -	„ -	L. Lomax, Bury, Bolton.
	28	4	„ „ - - -	„ -	Rowbuck Low, 1½ m. N. of Oldham.
	29		„ sp. - - -	„ -	„ „
	30	3	„ „ - - -	„ -	¾ m. N. E. Portway, Dudley.
	31		„ „ - - -	„ -	Ashton-under-Lyne.
	32		Fæces of Mollusc ? - -	„ -	Coalbrooke Dale.
XXIII. Shelf. II.			SECTIONS 50, 51, 52.		
			Calamites decoratus - -	Coal Measures.	Bradford Colliery.
	2	5	„ „ - -	„ -	No. 1, S. Staffordshire. „ 2, Copull.
	3	4	„ „ - -	„ -	No. 1, Derbyshire. „ 2, Felling Colliery.
	4	4	„ Suckowii - -	„ -	Mold.
	5	7	„ „ - -	„ -	Callerow Mills, N. of Bury, Lancashire.
	6		„ „ - -	„ -	Felling Colliery, Newcastle.
	7		„ „ - -	„ -	S.W. of Little Lever, Bolton.
	8		„ „ - -	„ -	Green, on the river Irwell, nr. Bolton.
	9		„ approximatus [2] -	„ -	Tynemouth.
	0		„ „ [3] -	„ -	Nr. Bristol.
			„ „ [2] -	„ -	Tynemouth.
	12		„ Cistii - - -	„ -	Felling Colliery, Newcastle.
	13		„ „ - - -	„ -	S. of Burrs, N. of Bury.
			„ undulatus - -	„ -	Cwm Avon.
	15		„ „ - -	„ -	Lomaxfold, Little Lever, Bolton.

[1] Presented by W. McLauchlan, Esq. [2] Presented by R. Howse, Esq.
[3] Presented by Dr. Percy.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXIII. Shelf. II.			SECTIONS 50, 51, 52.		
	16	1	Calamites undulatus - -	Coal Measures.	Near Manchester.
	17	2	" " - -	" -	Near Bolton.
	18	1	" - - - -	" -	Fenton Park.
	19	2	" Mougeotii - -	" -	No. 1, Somersetshire. " 2, Forest of Dean.
	20	2	" " - -	" -	No. 1, Near Ayr, Ayrshire. " 2, Felling Colliery.
	21	2	" remotus - -	" -	Copull.
	22	2	" nodosus [1] - -	" -	Ariel Freestone Quarries, near Bristol.
	23	1	" " [2] - -	" -	Fenton Park, Longton.
	24	1	" " - -	" -	Iron Bridge.
	25	1	" pachyderma - -	" -	Felling Colliery, Newcastle.
	26	1	" - - - -	" -	" "
	27	3	" showing branching	" -	S. of Burrs, N. of Bury.
	28	1	" fruit - - -	" -	Roadfield, 2 m. E. of Rochdale.
	29	1	" " - - -	" -	Ebbw Vale, Monmouthshire.
	30	1	" " - - -	" -	" "
III.	1	1	Annularia sphenophylloides -	" -	Granville Pit, Donnington, Shropshire.
	2	1	Asterophyllites equisetiformis [3]	" -	
	3	1	" "	" -	Forest of Dean.
	4	2	" "	" -	Mitchel Dean,
	5	2	" "	" -	Darcy Lever Pit, 1 m. S.E. of Bolton.
	6	2	" longifolia [4] -	" -	Felling Colliery, Newcastle.
	7	1	" " -	" -	Blair Point, Fife.
	8	2	" foliosa - -	" -	Coalbrooke Dale.
	9	1	" " [4] - -	" -	Felling Colliery, Newcastle.
	10	2	" " - -	" -	Mold.
	11	1	" tuberculatus [4]	" -	Felling Colliery, Newcastle.
	12	1	" - - - -	" -	Staffordshire.
	13	1	" - - - -	" -	Forest of Dean.
	14	1	" - - - -	" -	Cockenzie, Haddington.
	15	1	" - - - -	" -	Forest of Dean.
	16	1	" - - - -	" -	Staffordshire.
	17	1	" - - - -	" -	Mitchel Dean.
	18	1	" - - - -	" -	Ebbw Vale, Monmouthshire.
	19	1	" - - - -	" -	" "
	20	3	Sphenophyllum - - -	" -	Money thus Coyne.

[1] Presented by A. Ogilive, Esq.
[3] " W. Jones, Esq.
[2] Presented by W. Ward, Esq.
[4] " — Jameson, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXIII. Shelf.			SECTIONS 50, 51, 52.		
III.	21	1	Sphenophyllum [1] - - -	Coal Measures.	Felling Colliery, Newcastle.
	22	1	" saxifragæefolium.	" -	Shoretop, 1 m. S.E. of Little Lever, Bolton.
	23	1	" erosum -	" -	Gorse.
	24	1	" " -		
	25	1	" " -	" -	Ebbw Vale, Monmouthshire.
	26	1	" " -	" -	Gorse.
	27	1	Pinnularia [1] - - - -	" -	Felling Colliery, Newcastle.
	28	1	" capillacea [1] - -	" -	" "
	29	1	" " - -	" -	Blair Point, Dysart.
	30	1	Sphenopteris - - -	" -	Glamorganshire.
	31	4	" latifolia - -	" -	Hutton Colliery, near Bolton.
	32	1	" " - -	" -	Near Manchester.
	33	1	" " - -	" -	Ebbw Vale, Monmouthshire.
	34	1	" " - -	" -	Felling Colliery, Newcastle.
	35	1	" " - -	" -	Ebbw Vale, Monmouthshire.
	36	1	" polyphylla - -	" -	Beaufort, S. Wales.
	37	1	" obtusiloba - -	" -	Blair Point, Dysart.
	38	1	" " - -	" -	Hutton Colliery, near Bolton.
	39	1	" - - -	" -	Blair Point, Dysart.
	40	1	" fragilis - -	" -	" "
	41	1	" linearis - -	" -	Gorse.
IV.	1	1	" artemisiæfolia [1] -	" -	Felling Colliery, Newcastle.
	2	1	" " -	" -	" "
	3	3	" acutifolia -	" -	Blair Point, Fife.
	4	1	" furcata - -	" -	Lundin, Kirkcaldy.
	5	2	" " - -	" -	No. 1, Lundin, Kirkcaldy. " 2, Felling Colliery, Newcastle.
	6	1	" Höninghausi [1] -	" -	Felling Colliery, Newcastle.
	7	1	" " -	" -	Coaltown. Wemyss, Fife.
	8	1	" [1] - -	" -	Felling Colliery, Newcastle.
	9	1	" - - - -	" -	Cockenzie, Haddington.
	10	1	Adiantites concinnus [1] - -	" -	Felling Colliery, Newcastle.
	11	1	" " - -	" -	" "
	12	1	Neuropteris cordata [2] - -	" -	Lee Botwood.
	13	1	" " - -	" -	"
	14	1	" " - -	" -	Mitchel.

[1] Presented by — Jameson, Esq. [2] Presented by Mrs. Stackhouse Acton.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXIII. Shelf. IV.			SECTIONS 50, 51, 52.		
	15	1	Neuropteris cordata [1] - -	Coal Measures.	Longton.
	16	2	" " - -	" -	Lee Botwood.
	17	2	" acutifolia - -	" -	Ashton.
	18	1	" " - -	" -	Hutton Colliery, near Bolton.
	19	3	" gigantea? - -	" -	No. 1, Cwm Avon. " 2, Forest of Dean.
	20	1	" flexuosa - -	" -	
	21	3	" " - -	" -	
	22	1	" " - -	" -	Margam.
	23	2	" " - -	" -	Gorse.
	24	2	" " - -	" -	Forest of Dean.
	25	1	" " - -	" -	" "
	26	1	" " - -	" -	Pendleton Colliery, Manchester.
	27	1	" " - -	" -	Mitchel Dean.
	28	1	" crenulata - -	" -	Hutton Colliery, S.W. of Bolton.
	29	1	" heterophylla -	" -	Mitchel Dean.
	30	3	" " -	" -	S.W. of Little Lever, Bolton.
	31	1	" tenuifolia - -	" -	Coaltown, Wemyss, Fife.
	32	1	" " -	" -	Margam.
	33	1	" macrophylla -	" -	Ebbw Vale, Monmouthshire.
	34	1	" attenuata - -	" -	Margam.
	35	2	" Cistii? - -	" -	S.W. of Little Lever, Bolton.
	36	1	" elegans - -	" -	Mitchel Dean.
	37	6	" Loshii - -	" -	Coalbrooke Dale.
	38	1	" " - -	" -	S.W. of Little Lever, Bolton.
	39	2	" " - -	" -	Donnington.
	40	2	" " - -	" -	S.E. of Little Lever, Bolton.
	41	2	" - - - -	" -	Staffordshire.
	42	1	" - - - -	" -	Longton, N. Staffordshire.
	43	3	" - - - -	" -	Vale of Clwyd, N. Wales.
	44	1	" - - - -	" -	Graig.
V.	1	2	Cyclopteris orbicularis - -	" -	Coalbrooke Dale.
	2	2	" " - -	" -	" "
	3	1	" obliqua [2] - -	" -	Felling Colliery, Newcastle.
	4	2	" flabelliformis -	" -	Coalbrooke Dale.
	5	1	" flabellata - -	" -	S.W. of Little Lever, Bolton.
	6	1	" " - -	" -	S. side of Bolton.

[1] Presented by J. Ward, Esq. [2] Presented by — Jameson, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXIII. Shelf.			SECTIONS 50, 51, 52.		
V.	7	1	Cyclopteris - - - -	Coal Measures.	Felling Colliery, Newcastle.
	8	2	„ - - - -	„ -	Staffordshire.
	9	4	„ - - - -	„ -	¼ m. S. of Srovithie, 4 m. S. of St. Andrews.
	10	1	„ ? - - - -	„ -	Ebbw Vale, Monmouthshire.
	11	1	„ - - - -	„ -	„ „
	12	1	Schizopteris [1] - - -	„ -	Felling Colliery, Newcastle.
	13	1	Nœggerathia flabellata [1] -	„ -	„ „
	14	1	„ - - - -	„ -	1 m. S. of Little Lever, Bolton.
	15	3	Pecopteris villosa? - -	„ -	Mitchel Dean.
	16	1	„ „ - -	„ -	Forest of Dean.
	17	1	„ arborescens [2] -	„ -	
	18	1	„ „ - -	„ -	Ebbw Vale, Monmouthshire.
	19	1	„ lepidorrachis -	„ -	Radstock, Somersetshire.
	20	2	„ oreopteridis - -	„ -	Money thus Coyne.
	21	1	„ „ - -	„ -	Poulton, Somersetshire.
	22	1	„ pteroides - -	„ -	Forest of Dean.
	23	1	„ „ - -	„ -	
	24	1	„ plumosa [2] - -	„ -	Bristol.
	25	1	„ „ [2] - -	„ -	Dudley.
	26	1	„ Cyathea [3] - -	„ -	
	27	4	„ muricata - -	„ -	No. 1, Yorkshire. „ 2, Felling Colliery, Newcastle.
	28	1	„ „ - -	„ -	Yorkshire.
	29	4	„ Miltoni - -	„ -	S. Wales.
	30	3	„ „ - -	„ -	„
	31	1	„ „ - -	„ -	Mitchel Dean.
	32	1	„ „ [4] - -	„ -	Ayrshire.
	33	1	„ „ - -	„ -	Wigan, Lancashire.
	34	1	„ æqualis? - -	„ -	Bristol.
	35	1	„ dentata - -	„ -	Glamorganshire.
	36	1	„ „ - -	„ -	Radstock, nr. Bath.
VI.	1	1	„ nervosa - -	„ -	Yorkshire.
	2	1	„ „ - -	„ -	Blair Point, Dysart.
	3	1	„ „ - -	„ -	Wemyss, Fife.
	4	1	„ Loshii? - -	„ -	Gorse Colliery.
	5	1	„ abbreviata [5] -	„ -	Lee Botwood.
	6	1	„ „ - -	„ -	
	7	1	„ pinnæformis [2] -	„ -	Bristol.
	8	1	„ - - - -	„ -	Forest of Dean.
	9	2	„ - - - -	„ -	Darcy Lever, Bolton.
	10	1	„ - - - -	„ -	Ashton-under-Lyne.

[1] Presented by — Jameson, Esq. [2] Presented by Dr. Percy,
[3] „ T. Weaver, Esq. [4] „ W. Thomson, Esq.
[5] Presented by Mrs. Stackhouse Acton.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXIII. Shelf. VI.			SECTIONS 50, 51, 52.		
	11		Pecopteris showing fructification.	Coal Measures.	
	12		" " -	" -	Mitchel Dean.
	13		" " -	" -	Ebbw Vale, Monmouthshire.
	14		Alethopteris Serlii - -	" -	Somersetshire.
	15		" " - -	" -	Cwm Level above 5 ft. vein.
	16		" " - -	" -	Somersetshire.
	7		" " - -	" -	Radstock, Somersetshire.
	18		" " - -	" -	Clandown, Radstock
	19		" lonchitidis - -	" -	
	20		" " - -	" -	Gorse, Colliery.
	21		" " - -	" -	Blair Point, Dysart.
	22		" " - -	" -	Coalbrooke Dale.
	23		" " - -	" -	Blair Point, Dysart.
	24		" " - -	" -	" "
	25		" heterophylla [1] -	" -	Felling Colliery, Newcastle.
	26		" " -	" -	" "
	27		" æquilina - -	" -	Hutton Colliery, near Bolton.
	28		" - - - -	" -	Forest of Dean.
	29	4	" - - - -	" -	Hutton Colliery, near Bolton.
	30		Lonchopteris Bricii - -	" -	Margam.
	31	2	" rugosa - -	" -	Myrthir.
	32		Caulopteris [2] - - -	" -	Radstock, Somerset.
	33		Stigmaria ficoides - - -	" -	Forest of Dean.
	34		" " - - -	" -	" "
	35	2	" " - - -	" -	No. 1, South Wales. " 2, Felling Colliery.
	36	3	" " - - -	" -	Wolverhampton.
	37		" " - - -	" -	Iron Bridge.
	38	3	" " - - -	" -	Wolverhampton.
	39	2	" " - - -	" -	S. side of Bolton.
	40	1	" " - - -	" -	Ketley, Shropshire.
VII.		1	Sphenopteris latifolia - -	" -	Yorkshire.
	2	1	" " - -	" -	"
	3	1	" " - -	" -	"
	4		" " - -	" -	"
	5	1	Neuropteris heterophylla -	" -	Shelton, N. Staffordshire.
	6	1	" Loshii [3] - -	" -	Near Manchester.
	7	1	Alethopteris Serlii [4] - -	" -	Felling Colliery, Durham.

[1] Presented by — Jameson, Esq.
" G. Loch, Esq.

[2] Presented by G. C. Greenwell, Esq.
[4] " W. Jones, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Loca
			SECTIONS 50, 51, 52.		
XXIII. Shelf. VII.	8	1	Alethopteris Mantellii, Neuropteris Loshii, and N. tenuifolia [1]	Coal Measures.	Felling Col ham.
	9	1	- - - - - -	" -	"
			SECTIONS 53, 54.		
XXIV. Shelf. I.	1	1	Stigmaria with rootlets -	" -	Broseley, Sh
	2	1	" - - - -	" -	Wolverhamp
	3	1	" ficoides [2] - -	" -	Ketley, C Dale.
	4	1	" melocactoides [2] -	" -	"
	5	1	" [3] - - - -	" -	Felling Coll castle.
	6	1	" ficoides - -	" -	S. Wales.
	7	1	" " - -	" -	"
	8	1	" " - -	" -	Iron Bridge.
	9	1	Lepidodendron dilatatum -	" -	Roadfield, E dale.
	10	1	" ornatissimum	" -	Dudley.
	11	1	" crenatum -	" -	Cwm Afn.
	12	1	" aculeatum? -	" -	Iron Bridge.
	13	1	" " -	" -	Hart Hill Gr W. of Worl
	14	1	" elegans -	" -	Felling Coll castle.
	15	1	" euglyptum -	" -	Cwm Afn.
	16	1	" Sternbergii [4]	" -	Hoghton To
	17	1	Ulodendron Lindleyanum [2] -	" -	Ketley, C Dale.
	18	1	" - - -	" -	Cwm Afn.
	19	1	" - - -	" -	Swansea Val
	20	1	" - - -	" -	" "
	21	1	" - - -	" -	" "
	22	1	" - - -	" -	" "
II.	1	1	Sigillaria reniformis - -	" -	Cwm Avon.
	2	1	" " - -	" -	Swansea Val
	3	1	" " [5] - -	" -	Radstock, shire.
	4	1	" " - -	" -	Ebbw Vale, shire.
	5	1	" " - -	" -	Somersetshi
	6	1	" alternans - -	" -	
	7	1	" " - -	" -	
	8	1	" " - -	" -	Near Marga
	9	1	" " - -	" -	S. Wales.
	10	1	" " - -	" -	Yorkshire.

[1] Presented by E. Clark, Esq. [2] Presented by J. Randall, Esq
[3] " — Jameson, Esq. [4] " Sir Henry de
[5] Presented by G. C. Greenwell, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXIV. Shelf.			SECTION 53, 54.		
II.	11	1	Sigillaria catenulata - -	Coal Measures.	Ebbw Vale, Monmouthshire.
	12	1	„ Dournaisii [1] - -	„ -	Near Pontypool, Monmouthshire.
	13	1	„ Sillimanni [2] - -	„ -	Near Ayr, Ayrshire.
	14	1	„ elliptica - -	„ -	Swansea Valley.
	15	1	„ rugosa - -	„ -	
	16	1	„ „ - -	„ -	Somersetshire.
	17	1	„ microstigma - -	„ -	„
III.	1	1	„ elegans - -	„ -	Forest of Dean.
	2	1	„ „ - -	„ -	South Wales.
	3	1	„ „ - -	„ -	
	4	2	„ hexagona - -	„ -	No. 1, Dudley. „ 2, Unstone, near Dronfield.
	5	1	„ flexuosa - -	„ -	South Wales.
	6	1	„ „ - -	„ -	Somersetshire.
	7	1	„ „ - -	„ -	South Wales.
	8	1	„ lævigata - -	„ -	„ „
	9	1	„ „ - -	„ -	Somersetshire.
	10	1	„ mammillaris - -	„ -	
	11	1	„ elongata - -	„ -	South Wales.
	12	1	„ pachyderma - -	„ -	Tonge, Bolton.
	13	1	„ - - - -	„ -	
	14	1	„ - - - -	„ -	Glamorganshire.
	15	1	„ - - - -	„ -	Near Tipton, S. Staffordshire.
	16	1	„ - - - -	„ -	Rotherham, Yorkshire.
IV.	1	1	Lepidodendron Sternbergii -	„ -	Cwm Avon.
	2	1	„ „ -	„ -	Felling Colliery, Newcastle.
	3	1	„ „ -	„ -	Arley Mine.
	4	1	„ „ [3] -	„ -	Felling Colliery, New castle.
	5	1	„ „ -	„ -	Coalbrooke Dale.
	6	1	„ „ -	„ -	S. Staffordshire.
	7	1	„ „ [4] -	„ -	Cwm Avon, Swansea Valley.
	8	1	„ selaginoides -	„ -	Felling Colliery, Newcastle.
	9	1	„ patulum -	„ -	½ m. S. of Farnsworth, Bolton.
	10	1	„ „ -	„ -	Cwm Avon, Swansea Valley.
	11	1	„ gracile -	„ -	Felling Colliery, Newcastle.
	12	1	„ „ -	„ -	Cwm Avon, Swansea Valley.

[1] Presented by Dr. Percy.
[2] Presented by W. Thomson, Esq.
[3] „ — Jameson, Esq.
[4] „ Starling Benson, Esq.

ase.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXIV. Shelf.			SECTIONS 53, 54.		
IV.	13	1	Lepidodendron dilatatum -	Coal Measures.	Felling Colliery, castle.
	14	1	" obovatum [1] -	" -	Lee Botwood.
	15	1	" " -	" -	Staffordshire.
	16	1	" " [2] -	" -	Felling Colliery, castle.
	17	1	" " -	" -	Lancashire.
	18	2	" acerosum [2] -	" -	Felling Colliery, castle.
	19	1	" elegans [2] -	" -	" "
	20	5	" " -	" -	Wolverhampton.
	21	2	" " -	" -	Lee Botwood.
	22	6	" " -	" -	Coalbrooke Dale.
	23	2	" " -	" -	Wolverhampton.
	24	1	" aculeatum [3] -	" -	
	25	1	" crenatum ? -	" -	
	26	2	" Harcourtii ? -	" -	Merthyr Tydvil.
	27	1	" tetragonum -	" -	
	28	1	" - - -	" -	Wolverhampton.
V.	1	1	" - - -	" -	Cwm Avon.
	2	1	" - - -	" -	" "
	3	1	" - - -	" -	Dysart, near Kir
	4	1	" - - -	" -	Glamorganshire
	5	2	" - - -	" -	Near Goldsitch Leek.
	6	1	" - - -	" -	South Wales.
	7	1	" - - -	" -	S. side of Bolton
	8	1	" - - -	" -	" "
	9	1	" - - -	" -	" "
	10	1	" - - -	" -	Halshaw Moor Farnsworth, B
	11	1	" - - -	" -	Ebbw Vale, Mor shire.
	12	1	" with leaves -	" -	" "
	13	1	" " -	" -	" "
	14	1	" " -	" -	" "
	15	1	" with fruit -	" -	" "
	16	2	Lepidostrobus elongatus -	" -	Yorkshire (So
	17	12	" ornatus -	" -	Coalbrooke D
	18	1	" " -	" -	"
	19	2	" " [4] -	" -	
	20	1	" variabilis -	" -	Coalbrooke I
	21	2	" " -	" -	Wolverhamp
	22	2	" - - -	" -	Roebuck L N.E. of Ol
	23	2	" - - -	" -	Near Bolton
	24	5	" - - -	" -	Hutton Co S.W. of B
	25	1	" - - -	" -	Ebbw Vale shire.

[1] Presented by Mrs. Stackhouse Acton. [2] Presented by — Jameson
[3] " Dr. Percy. [4] " H. Beckett

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXIV. Shelf.			SECTIONS 53, 54.		
V.	26	1	Lepidostrobus - - -	Coal Measures.	Coalbrooke Dale.
	27	1	" - - -	" -	" "
	28	1	" - - -	" -	Ebbw Vale, Monmouthshire.
	29	1	" - - -	" -	Ashworth Moor Pottery.
	30	5	Lycopodites ? longibracteatus	" -	Coalbrooke Dale.
VI.	1	1	Ulodendron Lindleyanum [1] -	" -	Ketley, Colebrooke Dale.
	2	1	" " -	" -	Darlaston.
	3	3	" majus - -	" -	No. 1, Moltram. " 2, Bagslate Moor, W. of Rochdale.
	4	2	" minus - -	" -	Moss House, 3½ m. S.W. of Bolton.
	5	1	" " - -	" -	Fenton Park, Longton.
	6	1	" " - -	" -	Apedale, N. Staffordshire.
	7	1	" - - -	" -	E. of Lochgelly.
	8	1	" - - -	" -	
	9	1	" - - -	" -	E. of Lochgelly.
	10	2	Halonia regularis [1] - -	" -	Ketley, Shropshire.
	11	1	" - - - -	" -	Cameron Bridge.
	12	1	" [1] - - - -	" -	Ketley, Shropshire.
	13	2	" [2] - - - -	" -	Pell Qy., 3 m. N.W. of Worsley, Lancashire.
	14	1	" - - - -	" -	Bagslate Moor, 1½ m. N. of Rochdale.
	15	1	Knorria taxina - - -	" -	Donnington.
	16	1	" - - - -	" -	E. of Lochgelly.
	17	1	" with leaves - -	" -	Royds Hall.
	18	3	Trigonocarpum Nœggerathii	" -	Newcastle.
	19	3	" - - -	" -	Mitchel Dean.
	20	1	" [3] - - -	" -	Swansea.
	21	3	" olivæforme [4] -	" -	Felling Colliery, Newcastle.
	22	1	" - - -	" -	Radstock, Somerset.
	23	3	" [3] - - -	" -	Swansea.
	24	2	" - - -	" -	Simpsons Clough, 3 m. W. of Rochdale.
	25	1	Pinites Withami - - -	" -	Craigleith, Edinburgh.
	26	2	Dadoxylon - - - -	" -	Wolverhampton.
	27	1	" [5] - - - -	" -	Manchester.
	28	3	Sternbergia - - - -	" -	Felling Colliery, Newcastle.
	29	2	" - - - -	" -	Near Woodlands, 1¼ m. N.E. of Wetley Rocks.

[1] Presented by J. Randall, Esq. [2] Presented by G. Loch, Esq.
[3] " L. L. Dillwyn, Esq., M.P. [4] " — Jameson, Esq.
[5] Presented by E. W. Binney, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXIV. Shelf.			SECTIONS 53, 54.		
VI.	30	1	Sternbergia - - - -	Coal Measures.	Ebbw Vale, Monm shire.
	31	1	Walchia - - - -	" -	Littleshall, Donni Shropshire.
	32	3	Carpolithes - - - -	" -	S. side of Bolton.
	33	2	Antholites anomalus - -	" -	Coalbrooke Dale.
	34	1	" Pitcairniæ[1] - -	" -	Felling Colliery, castle.
VII.	1	1	Lepidodendron - - -	" -	Yorkshire.
	2	1	" ornatissimum	" -	Felling Colliery, castle.
	3	1			

[1] Presented by — Jameson, Esq.

LOWER GALLERY.

LÆOZOIC DIVISION.

ERMIAN SERIES. (Flat Cases, 50, 51.)

MIAN GROUP. SECT. I.—FLAT CASES L. to LI.

	Name.	Formation.	Locality.
	Terebratula elongata - -	Permian -	Humbleton.
	" " - -	" -	Tunstall ; D. Dalton ; H. Humbleton.
	" " - -	" -	Tunstall ; D. Dalton ; H. Humbleton.
	" " - -	" -	Dodiddees Quarry, 10 m. N.W. of Worksop.
	Camarophoria multiplicata -	" -	Humbleton ; T. Tynemouth.
	" " -	" -	Hylton Castle.
	" globulina -	" -	Tunstall ; H. Humbleton ; D. Dalton.
	" Schlotheimi -	" -	Tunstall ; H. Humbleton ; D. Dalton.
	" " -	" -	
	" " -	" -	Tunstall Hill.
	" " -	" -	Hylton Castle.
	Spirifer undulatus - -	" -	Humbleton.
	" " - -	" -	"
	" " - -	" -	" T. Tunstall.
	" " - -	" -	"
	" multiplicatus -	" -	T. Tunstall ; S. Silkworth ; H. Humbleton ; D. Dalton.
	" " -	" -	Tunstall Hill.
	" cristatus - -		
	Athyris pectiniformis -	" -	Humbleton.
	Orthisina pentagonata -	" -	Dalton.
	" " -	" -	Silkworth.
	Martinia Claunyana -	" -	Near Ryhope.
	Strophalosia Morrisiana -	" -	Humbleton ; H. C. Hylton Castle.
	" " -	" -	Durham.
	" Goldfussi -	" -	Humbleton ; R. Ryhope.
	" excavata -	" -	H. Humbleton ; S. Silkworth ; D. Dalton.
	" parva - -	" -	Humbleton.
	New genus allied to Strophalosia.	" -	Near Exhall, Coventry.
	" " -	" -	"

Case.	Tablet.	Specimen.	Name.	Formation.	Locality—
L.	30	9	Productus horridus - -	Permian -	Humbleton ; G mond's Way.
	31	5	" " -	" -	Humbleton ; G mond's Way.
	32	5	" " -	" -	Humbleton.
	33	3	" " -	" -	"
	34	2	" " -	" -	"
	35	3	" umbonillatus -	" -	T. Tunstall ; D. Da
	36	2	Discina speluncaria - -	" -	"
	37	2	Lingula Credneri - -	" -	Thickley.
	38	3	" " -	" -	Thrislington.
LI.	1	1	Pecten pusillus - - -	" -	Humbleton Hill.
	2	12	" " - - -	" -	H. Humbleton; Dalton ; H. C. Hyl Castle.
	3	6	Bakewellia tumida - -	" -	Tunstall.
	4	10	" antiqua - -	" -	Tunstall ; H. Hum ton ; S. Silkworth
	5	10	" ceratophaga -	" -	T. Tunstall ; H. H bleton ; S. Silkwor D. Dalton.
	6	17	Avicula speluncaria - -	" -	T. Tunstall ; H. H bleton ; S. Silkwo D. Dalton.
	7	7	" " - -		
	8	2	" " - -	" -	Dalton Dale.
	9	1	" " - -	" -	10 m. N.W. of Work
	10	1	" " - -	" -	Humbleton Hill.
	11	17	Mytilus squamosus - -	" -	S. Silkworth ; T. T stall ; H. Humblet H. C. Hylton Cast
	12	5	" " - -	" -	Byer's Quarry ; S Souta Point.
	13	11	" " - -	" -	Tunstall Hill.
	14	3	" " - -	" -	Oldcoates, 7 miles N Worksop.
	15	4	" " - -	" -	Durham.
	16	7	Lima permiana - - -	" -	Tunstall Hill.
	17	9	Schizodus truncatus - -	" -	S. Silkworth ; Hum ton ; T. Tunstall
	18	3	" Schlotheimii -	" -	*a* Collyhurst ; *b* ham ; *c* Newto Manchester.
	19	11	" " - -	" -	Kirkby Railway tion, Notts.
	20	2	" rotundatus - -	" -	Newton, Mancheste
	21	3	" " - -	" -	Manchester.
	22	11	Arca tumida - - -	" -	Tunstall ; S. Silkwo
	23	15	" striata - - - -	" -	T. Tunstall ; S. S worth ; H. Humble
	24	3	" " - - - -	" -	Silkworth.
	25	1	" " - - - -	" -	Humbleton Hill.
	26	6	" Kingiana - - -	" -	Tunstall.
	27	15	Pleurophorus costatus - -	" -	H. Humbleton ; B. ers Quarry ; S. S worth ; T. Tunstal

ase.	Tablet.	Specimen.	Name.	Formation.	Locality.
LI.	28	4	Pleurophorus costatus - -	Permian	Kirkby Railway Station, Notts.
	29	10	Cardiomorpha modioliformis	" -	Tunstall; S. Silkworth.
	30	4	Sanguinolites elegans - -	" -	Humbleton.
	31	6	Edmondia Murchisoniana -	" -	T. Tunstall; H. Humbleton.
	32	3	Solemya biarmica - -	" -	T. Tunstall; S. Silkworth.
	33	1	" Phillipsiana - -	" -	Humbleton.
	34	3	Psammobia subpapyracea -	" -	"
	35	2	Astarte? Vallisneriana -	" -	Tunstall.
	36	6	Ctenodonta Vinti - - -	" -	"
	37	4	" " - - -	" -	Byer's Quarry.
	38	1	" Tateiana - -	" -	Durham.
	39	8	Chiton Loftusianus - -	" -	T. Tunstall; S. Silkworth; H. Humbleton.
	40	9	Pleurotomaria nodulosa -	" -	T. Tunstall; H. Humbleton.
	41	5	" Linkiana -	" -	Dalton-le-Dale; S. Silkworth.
	42	20	" antrina -	" -	T. Tunstall; S. Silkworth.
	43	10	Turbo Thomsonianus -	" -	Tunstall.
	44	3	" helicinus - -	" -	Durham.
	45	28	" Mancuniensis - -	" -	Tunstall.
	46	6	" Taylorianus - -		
	47	6	Macrocheilus symmetricus -	" -	Silkworth, Tunstall.
	48	12	Loxonema fasciata - -	" -	Tunstall.
	49	1	" Swedenborgiana	" -	"
	50	9	Natica Leibnitziana - -	" -	Silkworth, T. Tunstall.
	51	2	Crisus? - - - -	" -	Tunstall.
	52	5	Nautilus Frieslebeni - -	" -	S. Silkworth, Dalton-le-Dale.
	53	4	" " - -	" -	Humbleton Hill.

PERMIAN SERIES. (Drawers 50, 51.)

UNDERNEATH THE FLAT CASES.

I.—PERMIAN GROUP. SECT. II.—DRAWERS L. to LI.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
L.	1	2	Calamites - - - -	Permian.	Near Exhall, Coventry.
	2	2	" - - - -	" -	" " "
	3	2	" - - - -	" -	Tynemouth.
	4	2	Tragos Binneyi [1] - -	" -	Bedford, Lancashire.
	5	1	" " [2] - - -	" -	" "

[1] Presented by Mr. Binney. [2] Presented by R. Howse, Esq.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
L.	6	1	Caulopteris [1] - - -	Permian -	Ferry Hill.
	7	1	" [1] - - -	" -	Durham.
	8	1	Chondrites Binneyi - -	" -	Newton, Manchester.
	9	1	Lepidodendron dilatatum -	" -	Near Exhall, Coventry
	10	3	Remains of plants - -	" -	Glapwell, Derbyshire.
	11	1	Seed or fruit - - -	" -	Near Exhall, Coventry
	12	1	Sternbergia - - - -	" -	Ashby-de-la-Zouche.
	13	1	" - - - -	" -	Near Exhall, Coventry
	14	2	Coniferous Wood [2] - -	" -	Ashby-de-la-Zouche.
	15	1	" " - -	" -	Near Market Drayton.
	16	1	Wood - - - - -	" -	Hatton Heath Parish Childs Ercall, Market Drayton, Shropshire.
	17	1	" [5] - - - -	" -	Exhall, Coventry.
	18	3	" - - - - -	" -	The Hollings, Market Drayton.
	19	3	Scyphia tuberculata - -	" -	Dalton-le-Dale.
	20	3	Dentalina Kingii [4] - -	" -	Byer's Quarry.
	21	2	Foraminiferous remains -	" -	Whitley.
	22	4	Polycœlia profunda - -	" -	Humbleton.
	23	5	Stenopora crassa - - -	" -	Tunstall Hill.
	24	10	" Mackrothii - -	" -	"
	25	1	" " [1] - -	" -	"
	26	1	" - - - -	" -	"
	27	6	Corals - - - - -	" -	Humbleton and Dalton-le-Dale.
	28	1	Cyathocrinus ramosus [1] -	" -	Durham.
	29	8	" " - -	" -	1. Humbleton ; 2. Tunstall.
	30	3	Cidaris Verneuiliana - -	" -	1. Humbleton ; 2. Tunstall.
	31	1	Spirorbis - - - -	" -	Byer's Quarry.
	32	1	" omphalotes - -	" -	Humbleton.
	33	1	" helix - - -	" -	"
	34	3	" globosus - -	" -	"
	35	1	" - -	" -	"
	36	5	Worm burrows [5] - -	" -	Thrislington, Durham.
	37	1	Estheria Portlocki - -	" -	Frome.
LI.	1	1	Fenestella retiformis - -	" -	Humbleton Hill, Durham.
	2	3	" " [1] - -	" -	" " "
	3	1	" " - -	" -	" " "
	4	1	" " - -	" -	" " "
	5	6	" " - -	" -	Tunstall.
	6	3	" antiqua - -	" -	"
	7	3	Synocladia virgulacea - -	" -	Dalton-le-Dale, Durham.
	8	3	" " - -	" -	Humbleton, Durham.
	9	1	" " [6] - -	" -	" "
	10	1	" " - -	" -	Tunstall Hill, Durham
	11	2	" " [1] - -	" -	" " "

[1] Presented by W. King, Esq.
[2] Presented by the Rev. W. H. Coleman
[3] " Sir P. Egerton, Bart.
[4] " Prof. T. R. Jones.
[5] " R. Howse, Esq.
[6] " J. D. C. Sowerby, Esq.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
LI.	12	1	Synocladia virgulacea [1] -	Permian -	Durham.
	13	10	Phyllopora Ehrenbergi - -	" -	Silkworth.
	14	3	" " [2] - -	" -	1. Tunstall; 2. Silkworth.
	15	2	Thamniscus dubius [2] - -	" -	Tunstall.
	16	4	" " - -	" -	Humbleton.
	17	2	Acanthocladia anceps - -	" -	Tunstall.
	18	5	" " - -	" -	Humbleton.
	19	3	Bakewellia antiqua - -	" -	Dodiddes Quarry, 10 m. N.W. of Worksop.
	20	4	" " - -	" -	Manchester.
	21	1	" " - -	" -	"
	22	1	Schizodus truncatus - -	" -	Oldcoates, 7 miles N. of Worksop.
	23	1	" Schlotheimii -	" -	Tullycannel Hill, Artrea.
	24	4	" - - - -	" -	Skegby.
	25	1	Arca, &c. - - - -	" -	

[1] Presented by Sir R. I. Murchison. [2] Presented by W. King, Esq.

UPPER GALLERY.

MESOZOIC DIVISION.

(Triassic Series. Flat Case 1.)

A.—UPPER TRIAS GROUP. Sect. I.—Flat Case I.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
I.	1	2	Plicatula interstriata - -	Rhætic Beds	Watchet.
	2	1	Pecten Valoniensis - -	" -	Larne, Antrim.
	3	6	" " - -	" -	Westbury.
	4	4	" " - -	" -	Watchet.
	5	4	" " - -	" -	Nr. Westbury on Severn.
	6	1	Avicula contorta - - -	" -	Larne, Antrim.
	7	2	Monotis decussata - -	" -	Nr. Westbury on Severn.
	8	1	" " - -	" -	Kilmersdon, near Radstock.
	9	4	" " - -	" -	Thurlbeer, nr. Taunton.
	10	1	Modiola minima - - -	" -	Watchet, Somerset.
	11	2	Axinus - - - - -	" -	" "
	12	1	" - - - - -	" -	Wainlode Cliff, near Gloucester.
	13	3	Cardium - - - -	" -	Kilmersdon, near Radstock.
	14	1	Pleurophorus elongatus -	" -	Watchet, Somersetshire.
	15	1	" " -	" -	" "
	16	1	" -	" -	" "
	17	3	Pullastra arenicola - -	" -	" "
	18	1	" " - -	" -	Wainlode Cliff.
	19	1	" - -	" -	Kilmersdon, near Radstock.
	20	1	Myacites musculoides - -	" -	Nr. Westbury on Severn.
	21	1	Anatina Suessii - - -	" -	Watchet, Somerset.
	22	1	" " - - -	" -	" "
	23	2	" elongata - -	" -	" "
	24	1	" - - -	" -	" "

(Triassic Series. Wall Case 4.)

B.—LOWER TRIAS GROUP. SECT. III.—WALL CASE IV.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
V.			SECTIONS 8, 9, 10.		
elf.	1	1	Plant remains - - -	New Red Sandstone.	Bromsgrove.
	2	1	" " - - -	" -	"
	3	3	" " - - -	" -	"
	4	3	" " - - -	" -	"
	5	3	" " - - -	" -	"
	6	2	" " - - -	" -	"
	7	1	" "[1] - - -	" -	Moor Court.
	8	1	Voltzia - - - -	" -	Ashley Heath, near Market Drayton.
	9	1	Fucoidal remains? - -	" -	Rowington, nr. Warwick
	10	1	Estheria minuta[2] - -	" -	Buttermilk Hill, Needwood Forest.
	11	3	" " - - -	" -	Newent, Gloucestershire.
	12	1	" "[3] - - -	" -	Moreton Baggot.
	13	2	" "[4] - - -	" -	Pendock, near Ledbury.
	14	2	" " - - -	" -	High House, near Warwick.
	15	1	" "[3] - - -		
	16	1	" "[1] - - -	" -	Hill End.

[1] Presented by Professor J. Phillips.
[2] Presented by H. Howell, Esq.
[3] " J. Kershaw, Esq.
[4] " the Rev. W. Symonds.

UPPER GALLERY.

MESOZOIC DIVISION.

(Oolitic Series. Flat Cases 1 to 32.)

The numbers in the "Locality" column refer to, and are explained by, the "TABLE OF LOCALITIES OF MESOZOIC FOSSILS" *at p.* 318.

C.—LOWER OOLITE GROUP. SECT. I.—FLAT CASES I. to XI.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
I.	25	5	Terebratula numismalis -	Lower Lias	Fenny Compton (Railway cutting).
	26	9	" " [1] -	" -	Aston (cutting) 1, 2, 3, Frethern.
	27	4	" punctata - -	" -	Stonehouse, Gloucester.
	28	2	Spirifer rostratus - - -	" -	" "
	29	1	" Munsterii - -	" -	" "
	30	7	" Walcotti [1] - -	" -	Aston, Railway cutting.
	31	6	" " - -	" -	Cheltenham.
	32	8	Rhynchonella variabilis -	" -	Stonehouse, Gloucestershire.
	33	8	" " - -	" -	Harbury Cutting.
	34	12	" rimosa - -	" -	Stonehouse, Gloucestershire.
	35	4	" Moorei - -	" -	Aston 1, 2, Frethern, Gloucestershire.
	36	10	" oxynota [1] -	" -	Aston.
	37	1	Discina - - - -	" -	Leckampton.
	38	1	" Townshendi - -	" -	Gloucestershire.
	39	9	Lingula Beanii - - -	" -	Stonehouse, Gloucestershire.
	40	6	Gryphæa incurva - - -	" -	Frethern.
	41	2	" obliquata - -	" -	Fenny Compton.
	42	1	" Maccullochii [2] -	" -	Cheltenham.
	43	2	" arcuata - - -	" -	Harbury.
	44	2	Ostrea læviuscula - - -	" -	Frethern, Gloucester.
	45	4	" irregularis - - -	" -	Down Hatherley.
	46	6	" rugata - - -	" -	Uplyme.
	47	8	Plicatula spinosa - - -	" -	Cheltenham.
	48	2	Pecten textorius - - -	" -	Frethern, Gloucestershire.
	49	1	" - - -	" -	Opposite Chipping Norton.
	50	4	" - - -	" -	Cheltenham.

[1] Presented by G. E. Gavey, Esq. [2] Presented by J. Buckman, Esq.

se.	Tablet.	Specimen.	Name.	Formation.	Locality.
L.	51	1	Avicula cygnipes - - -	Lower Lias	Horfield, near Bristol.
	52	1	" " - - -	" -	" "
	53	4	" novemcostæ [1] - -	" -	Mickleton Tunnel.
	54	1	" - - -	" -	Railway cutting, Chipping Norton.
	55	1	Pinna folium - - -	" -	Cliff under Light House, St. Donets.
	56	3	Gervillia precursor - -	" -	Lyme Regis.
	57	6	Crenatula ventricosa - - -	" -	Cheltenham.
	58	1	Lima Hermanni - - -	" -	
	59	3	" gigantea - - -	" -	Bridgend.
	60	1	" " - - -	" -	Pinhay.
	61	1	" " - - -	" -	Lyme Regis.
	62	1	" pectinoides - - -	" -	Paulton, near Radstock.
	63	3	" " [1] - - -	" -	Mickleton Tunnel.
	64	2	" antiquata - - -	" -	Frethern, Gloucestershire.
I.	1	2	Modiola cuneata [1] - - -	" -	Mickleton Tunnel.
	2	1	" " - - -	" -	Cheltenham.
	3	3	" minima - - -	" -	Nr. Westbury on Severn.
	4	2	" Hillana - - -	" -	Frethern, Gloucestershire.
	5	1	" " - - -	" -	Upper Bristol Road, Bath.
	6	1	" psilonata - -	" -	Clutton.
	7	2	Arca truncata [1] - - -	" -	Mickleton Tunnel.
	8	3	" elongata [1] - - -	" -	" "
	9	1	" " - - -	" -	Cheltenham.
	10	2	" " - - -	" -	Stonehouse, Gloucestershire.
	11	1	Trigonia litterata - - -	" -	Peas Cliff Tunnel.
	12	11	Cardium truncatum [1] - -	" -	Mickleton Tunnel.
	13	5	Unicardium cardioides - -	" -	Near Gloucester.
	14	2	Astarte - - - - -	" -	Mickleton Tunnel.
	15	2	" elegans ? - - -	" -	Stonehouse.
	16	1	" [2] - - -	" -	Gr. Northern Railway.
	17	1	" [1] - - -	" -	Mickleton Tunnel.
	18	5	" [1] - - -	" -	Aston Cutting.
	19	1	" - - -	" -	Cheltenham.
	20	2	" - - -	" -	Horfield, Bristol.
	21	1	Cardita [1] - - - -	" -	Mickleton Tunnel.
	22	3	Pullastra arenicola - - -	" -	Uplyme, nr. Lyme Regis.
	23	12	Cardinia Listeri [3] - - -	" -	Evesham.
	24	1	" " - - -	" -	Bridgend, Glamorganshire.
	25	9	" hybrida - - -	" -	" "
	26	6	" " [4] - - -	" -	Cheltenham.
	27	4	" ovalis - - -	" -	Down Hatherley.
	28	1	" concinna - - -	" -	Bridgend, Glamorganshire.
	29	5	" lanceolata - - -	" -	Stonehouse.

[1] Presented by G. E. Gavey, Esq.
" T. J. Slatter, Esq.
[2] Presented by T. Reynolds, Esq.
[4] " J. Buckman, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
II.	30	4	Cardinia attenuata - -	Lower Lias	Cheltenham.
	31	1	" " - -	" -	"
	32	1	Hippopodium ponderosum -	" -	"
	33	1	" " -	" -	"
	34	2	" "[1] -	" -	"
	35	1	" "[2] -	" -	Durnobin Castle.
	36	1	" " -	" -	Mickleton Tunnel.
	37	3	Pholadomya ambigua - -	" -	Cheltenham.
	38	1	" "[3] - -	" -	Mickleton Tunnel.
	39	3	" "[4] - -	" -	Near the Mumbles?
	40	3	Goniomya litterata[3] - -	" -	Mickleton Tunnel.
	41	2	Gresslya anglica[3] - - -	" -	" "
	42	1	" [3] - - -	" -	" "
	43	4	Myacites - - - -	" -	Cheltenham.
	44	3	" unionides[3] - -	" -	Mickleton Tunnel.
	45	4	" " - -	" -	Kilsby Tunnel.
	46	4	" - -	" -	1 m. west of Sarsden.
	47	8	" - -	" -	Stonehouse.
	48	6	Mactromya - - - -	" -	Frethern, Gloucestershire.
	49		Corimya - - - -	" -	Lincoln.
	50		Leda ovum - - -	" -	Saltersford, near Grantham.
	51		" - - - -	" -	" "
	52		" - - - -	" -	Mickleton Tunnel.
	53		" - - - -	" -	Peas Cliff Tunnel.
	54		" complanata[3] - -	" -	Mickleton Tunnel.
	55		" inflexa - - -	" -	Peas Cliff.
	56		" variabilis - - -	" -	Saltersford and Peas Cliff Tunnel.
III.	1	12	Actæon[3] - - - -	" -	Aston Cutting.
	2	3	Dentalium[3] - - - -	" -	Mickleton Tunnel.
	3	1	" [3] - - - -	" -	" "
	4	2	Pleurotomaria Anglica -	" -	Stonehouse.
	5	2	" " - -	" -	"
	6	2	" - -	" -	Peas Cliff Tunnel, near Grantham.
	7	1	" expansa - -	" -	Chipping Camden.
	8	7	" rotellæformis -	" -	Cheltenham.
	9	5	Trochus heliciformis[3] - -	" -	Aston Cutting.
	10	12	" - -	" -	Stonehouse.
	11	2	" plicatellus - -	" -	Peas Cliff Tunnel.
	12	2	" monilitectus[3] - -	" -	" "
	13	3	" imbricatus - -	" -	Stonehouse.
	14	1	" " - -	" -	Chipping Camden.
	15	6	" " - -	" -	Cheltenham.
	16	3	" " - -	" -	Peas Cliff and Mickleton Tunnel.
	17	7	Turbo solectus - - -	" -	Cheltenham.
	18	1	"	" -	"
	19	4	Littorina[3] - - -	" -	Aston Cutting.
	20	9	Cerithium - - - -	" -	" "
	21	17	" - - - -	" -	" "

[1] Presented by J. Buckman, Esq.
[2] Presented by Sir R. J. Murchison.
[3] " G. E. Gavey, Esq.
[4] " D. G. Woodhouse, Esq.

ase.	Tablet.	Specimen.	Name.	Formation.	Locality.
II.	22	13	Tornatella - - - -	Lower Lias	Stonehouse.
	23	7	Terebratula punctata - -	Middle Lias.	21, 22, 23.
	24	7	" " - -	" -	7, 21, 33, 55, 23.
	25	11	" "[1] -	" -	Skiningrove, Yorkshire.
	26	5	" " - -	" -	7, 21, 33, 55, 23.
	27	3	" " - -	" -	Stoney Cockbury.
	28	3	" " - -	" -	Frocester Hill.
	29	1	" quadrifida - -	" -	33.
	30	6	" " - -	" -	3, 22, 25, 28, 46, 29, 33, 38.
	31	6	" " - -	" -	22, 23, 25, 29, 33.
	32	1	" cornuta - -	" -	Chipping Warden.
	33	12	" numismalis -	" -	South of Paulton.
	34	2	" " - -	" -	Radstock.
	35	3	" Edwardsii - -	" -	4, 22.
	36	5	" " - -	" -	4, 22.
	37	8	" resupinata - -	" -	21, 23, 29, 38, 44, 46.
	38	5	" "[2] - -	" -	Skiningrove, Yorkshire, &c.
	39	1	" carinata - -	" -	Cheltenham.
	40	4	" Waterhousii -	" -	South of Paulton.
	41	1	" Moorei - -	" -	Sheepslight, nearCoker.
	42	12	Spirifer Walcotti - - -	" -	Radstock.
	43	14	" " - -	" -	"
	44	11	" rostratus - - -	" -	22, 23, 29, 33.
	45	1	" Munsteri - - -	" -	Bridport.
	46	9	Rhynchonella tetrahedra -	" -	Bredon Hill.
	47	10	" " - -	" -	Aston-le-Walls.
	48	15	" " - -	" -	Wardington.
	49	4	" " - -	" -	Hellidon, 5 m. S. W. of Daventry.
	50	2	" " - -	" -	Fawler.
	51	7	" " - -	" -	Hayford Cutting.
	52	7	" " - -	" -	Warmington, near Banbury.
	53	5	" "[1] - -	" -	Skiningrove.
	54	4	" " - -	" -	Withlington.
	55	6	" "[1] - -	" -	Cleveland.
	56	5	" furcillata -	" -	Shipton Gorge.
	57	6	" variabilis - -	" -	Mickleton Tunnel.
	58	1	" " - -	" -	Frocester Hill, near Gloucester.
	59	5	" " - -	" -	Near Radstock.
	60	3	" " - -	" -	Peas Cliff.
	61	5	" subconcinna -	" -	44, 52.
	62	6	" acuta - -	" -	21, 28, 44, 46, 48.
	63	9	" rimosa - -	" -	South of Paulton.
	64	4	Lingula Beanii - - -	" -	Stinchcombe Hill.
	65	4	" "[2] - - -	" -	Mickleton Tunnel.
V.	1	4	Plicatula spinosa - - -	" -	Kingstone.
	2	2	" sarcinula - -	" -	Stinchcombe.
	3	1	Gryphæa gigantea - -		"
	4	1	" " - -	" -	Gloucestershire.
	5	1	" Maccullochii - -	" -	Stow on the Wold.

[1] Presented by John Bell, Esq. [2] Presented by G. E. Gavey, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
IV.	6	1	Hinnites velatus - - -	Middle Lias	7.
	7	4	Pecten - - - -	„ -	Red Mile, Lincoln
	8	2	„ textorius - -	„ -	Aston-le-Walls, bury.
	9	1	„ sublævis - -	„ -	Cheltenham.
	10	1	„ cinctus - - -	„ -	W. Stoke, near M cute.
	11	1	„ „ - -	„ -	Cheltenham.
	12	4	„ cingulatus - -	„ -	9, 22, 30, 33, 36.
	13	1	„ æquivalvis - -	„ -	Dumbleton.
	14	1	„ „ - -	„ -	Beaminster.
	15	1	„ „ - -	„ -	Stinchcombe.
	16	2	„ „ - -	„ -	Skiningrove.
	17	1	„ - -	„ -	Aston-le-Walls bury.
	18	1	„ dentatus - -	„ -	Uley, near Dursl y
	19	1	„ „ - -	„ -	N. of N. Cadbury
	20	5	„ „ - -	„ -	Kingstone.
	21	3	„ - - - - -	„ -	Rugby.
	22	1	„ paradoxus - -	„ -	Stinchcombe.
	23	1	„ - - - -	„ -	Lanbryde, near Elgi
				„ -	Hotleys farm, 6 m. of Chipping Norton
	24	1	Avicula - - - -		
	25	2	„ novemcostæ - -	„ -	Shotswell, 4 miles fro Banbury.
	26	3	„ „ - -	„ -	5, 10, 14, 9, 36.
	27	4	„ „ - -	„ -	5, 10, 14, 9, 36.
	28	2	„ sinemuriensis -	„ -	Lanbryde, near Elgin
	29	1	„ gracilis - - -	„ -	Wootard, Bruton.
	30	3	„ - - - -	„ -	5, 59.
	31	8	Inoceramus dubius - -	„ -	Saltersford, &c.
	32	1	Crenatula [1] - - -	„ -	Dumbleton.
	33	3	Lima Hermanni - -	„ -	Stow-on-the-Wold.
	34	2	„ - - - -	„ -	Hyde, near Yeovil.
	35	1	„ Omaliusii - -	„ -	Nibley Green, Gl cestershire.
	36	1	„ - - - - -	„ -	Little Preston, Nor amptonshire.
	37	1	„ punctata - -	„ -	Shipton Gorge, Dors shire.
	38	3	„ „ - -	„ -	50.
	39	1	Pinna - - - -	„ -	Sea Town, near Br port.
	40	1	„ - - - -	„ -	Lanbryde, Elgin.
	41	3	„ fissa - - - -	„ -	10, 35.
	42	1	„ - - - -	„ -	S. of Paulton.
V.	1	1	Modiola anatina - - - -	„ -	West of Bridport H bour.
	2	5	„ scalprum - -	„ -	10, 35.
	3	3	„ cuneata - - - -	„ -	Red Mile, Lincolnsh
	4	3	„ Hillana - - -	„ -	22, 23, 30.
	5	2	„ - - - - -	„ -	Skiningrove.
	6	4	„ ? ? - - -	„ -	Gretton Mill, n Winchcombe.

[1] Presented by Miss Holland.

e.	Tablet.	Specimen.	Name.	Formation.	Locality.
	7	4	Arca truncata - - -	Middle Lias	14, 36, 45.
	8	2	„ elongata - - -	„ -	Nibley, Gloucestershire.
	9	3	Cardium truncatum [1] - -	„ -	Skiningrove, Yorkshire.
	10	7	„ „ - -	„ -	10, 14, 35, 37.
	11	7	„ - - - -	„ -	Red Mile, Lincolnshire.
	12	4	Ceromya lineata - - -	„ -	Warkworth.
	13	4	Unicardium cardioides -	„ -	Stow-on-the-Wold.
	14	3	„ „ - -	„ -	Red Mile, Lincolnshire.
	15	4	„ varicosum -	„ -	Stow-on-the-Wold.
	16	1	„ - - -	„ -	Dumbleton.
	17	1	Lucina - - - -	„ -	„
	18	3	Astarte - - - -	„ -	18.
	19	2	„ antiqua ? - -	„	West of Bridport Harbour.
	20	3	„ pumila - - -	„ -	28, 52.
	21	2	„ - - - -	„ -	Yeovil.
	22	3	„ Voltzii - - -	„ -	Red Mile, Lincolnshire.
	23	7	„ - - -	„ -	Stow-on-the-Wold.
	24	6	Cardinia hybrida - - -	„ -	Red Mile, Lincolnshire.
	25	3	„ concinna - - -	„ -	„ and Bridgend.
	26	1	„ „ - - -	„ -	Yeovil.
	27	1	„ cuneata - - -	„ -	Hyde, near Yeovil.
	28	7	Gresslya - - - -	„ -	Dumbleton.
	29	5	„ abducta - - -	„ -	35, 36.
	30	6	Pholadomya ambigua - -	„ -	S. of Paulton, Somersetshire.
	31	2	„ „ - -	„ -	Stow-on-the-Wold.
	32	1	„ „ - -	„ -	Mickleton Tunnel.
	33	2	Sanguinolaria striata - -	„ -	Stinchcombe.
	34	2	Lutraria ovata - - -	„ -	37.
	35	3	Myacites unionides - -	„ -	Tewkesbury.
	36	6	„ „ - -	„ -	22, 25, 35, 46.
	37	2	„ „ - -	„ -	Skiningrove.
	38	1	„ „ - -	„ -	Dumbleton.
	39	2	Mytilus hippocampus - -	„ -	Nibley Green, Gloucestershire.
	40	2	Nucula globosa - - -	„ -	Stinchcombe, Gloucestershire, W. of Bridport Harbour.
	41	6	Pleurotomaria expansa -	„ -	Wooton; 1, Mickleton Tunnel; 2, Paulton.
	42	1	„ granulata -	„ -	Yeovil.
	43	3	- - - - -	„ -	S. of Paulton.
	44	3	Cerithium - - -	„ -	Hyde, near Yovil.
	45	1	„ - - -	„ -	„ „
	46	2	„ ? - - -	„ -	Red Mile, Lincolnshire.
	47	1	„ - - -	„ -	Hyde, near Yeovil.
	48	3	Scalaria ? Liasica - -	„ -	South of Paulton.
	49	4	Trochus sp. - - -	„ -	„ „
	50	6	„ glaber - - -	„ -	West Stoke, near Montacute.

[1] Presented by John Bell, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
V.	51	4	Trochus - - - -	Middle Lias	South of Paulton, Red Mile.
	52	3	„ ? - - - -	„ -	South of Paulton.
	53	5	„ - - - -	„ -	West Stoke, near Macute.
	54	4	„ princeps - -	„ -	„ „
	55	6	„ ? - -	„ -	Red Mile, and South Paulton.
	56	13	„ imbricatus - -	„ -	Golden Cap.
	57	3	„ „ - -	„ -	Stow-on-the-Wold.
	58	1	Turritella opalina? - -	„ -	Red Mile, Lincolnsh
	59	1	Acmæa - - - -	„ -	Uley, Gloucestershi
VI.	1	7	Rhynchonella cynocephala -	Upper Lias	Frocester Hill, Gloucestershire.
	2	9	„ „ -	„ -	Near Yeovil.
	3	6	„ „ -	„ -	Stone Hill, near Ul Gloucestershire.
	4	28	„ „ -	„ -	High Cliff.
	5	10	„ Moorei - -	„ -	4, 7, 28, 31.
	6	2	Thecidium rusticum [1] - -	„ -	Near Ilminster.
	7	3	Leptæna Moorei [1] - -	„ -	„
	8	1	„ Bouchardii [1] - -	„ -	„
	9	1	Crania Moorei [1] - - -	„ -	„
	10	2	Avicula nitens - - -	„ -	Black Nab, Whitby.
	11	1	Inoceramus dubius [2] - -	„ -	Whitby.
	12	1	„ - - -	„ -	Black Nab, Whitby
	13	1	Lima - - - - -	„ -	Nailsworth.
	14	1	Modiola - - - -	„ -	„
	15	2	„ Sowerbyana - -	„ -	Frocester Hill.
	16	4	Cucullæa ferruginea - -	„ -	Nailsworth.
	17	3	„ - - - -	„ -	Wooton-under-Edg
	18	3	„ - - - -	„ -	„ „
	19	4	Astarte lurida - - -	„ -	Nailsworth.
	20	5	„ - - - -	„ -	Near Stowe.
	21	1	Pholadomya ambigua - -	„ -	Cheltenham.
	22	1	„ „ - -	„ -	Frocester Hill.
	23	2	Myacites (Amphidesma donaciforme.)	„ -	Whitby.
	24	2	„ „ -	„ -	„
	25	2	Leda ovum - - - -	„ -	„
	26	7	„ „ - - -	„ -	„
	27	1	Discina reflexa - - -	„ -	„
VII.	1	5	Terebratula plicata - -	Inferior Oolite.	Crickley Hill, Cheham.
	2	2	„ „ - -	„ -	Leckhampton Hill.
	3	2	„ „ - -	„ -	Crickley Hill.
	4	5	„ „ - -	„ -	Birdlip.
	5	2	„ „ - -	„ -	Leckhampton.
	6	7	„ perovalis - -	„ -	81, 101, 108, 100, 1
	7	1	„ „ - -	„ -	Near Bridport.
	8	1	„ „ - -	„ -	38, 63, 116, 117.
	9	7	„ „ - -	„ -	Dundry.

[1] Presented by Chas. Moore, Esq. [2] Presented by Thomas Watson, E

Specimen.	Name.	Formation.	Locality.
1	Terebratula perovalis - -	Inferior Oolite.	38, 63, 116, 117.
5	" trilineata - -	" -	Glaisdale, Yorkshire.
5	" - - - -	" -	Bruton, Somersetshire.
6	" Buckmani -	" -	Cleve Cloud, Cheltenham.
4	" " - -	" -	Cooper's Hill "
6	" Phillipsii - -	" -	Cleve Hill "
4	" " - -	" -	" "
2	" " - -	" -	Crown Court Knops, Hinton St. George.
5	" " - -	" -	Near Yeovil.
6	" " - -	" -	5, 52, 81.
10	" globata - -	" -	Dundry.
5	" " - -	" -	Clapton.
2	" " - -	" -	Birdlip.
7	" " - -	" -	Sapperton Tunnel.
16	" " - -	" -	2, 34, 38, 39, 46, 49, 80, 31, 29.
8	" " - -	" -	Whatley, near Frome.
5	" articulata - -	" -	" "
8	" subglobata -	" -	116, 117.
9	" sphæroidalis -	" -	2, 34, 5, 7, 8, 54, 55.
4	" " - -	" -	Bruton, Somersetshire.
9	" " - -	" -	23, 30, 34, 38, 42, 46.
3	" - - - -	" -	Bruton.
7	" simplex - -	" -	Crickley Hill, Cheltenham.
1	" " - -	" -	Cold Comfort.
10	" maxillata - -	" -	Northleach.
3	" submaxillata -	" -	
3	" " - -	" -	Leckhampton.
4	" " - -	" -	Miserden, 4 miles S. of Birdlip.
6	" fimbria - -	" -	"
2	" " - -	" -	Sapperton Tunnel.
5	" " - -	" -	Leckhampton.
7	" " - -	" -	Cheltenham.
8	" Wrightii - -	" -	"
3	" carinata - -	" -	"
4	" " - -	" -	Washbrook.
14	" " - -	" -	Miserden.
10	" " - -	" -	3, 5, 13, 7, 29, 45, 54, 55, 101.
7	" " - -	" -	5, 27, 45, 65, 81, 89.
13	" " - -	" -	15, 23, 26, 33, 46.
9	" impressa - -	" -	Chidcock Hill, Dorset.
7	" " - -	" -	Ravensgate Hill, Cheltenham.
5	" " - -	" -	" "
2	" Waltonii - -	" -	29, 80.
1	" " - -	" -	Cleeve Cloud, Cheltenham.
18	" Lycettii - -	" -	7, 21, 45, 63, 76.
2	" emarginata -	" -	21, 38, 84, 58, 101.
4	" Etheridgii -	" -	Winlay Hall, Cheltenham.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
VII.	57	13	Thecidum Bouchardi -	Inferior Oolite.	Dundry.
			" septatum -	" -	"
			" triangularis -	" -	"
			" duplicatum -	" -	"
			" granulosum -	" -	"
	58	4	Zellania Davidsoni[1] -	" -	"
			Spirifer Oolitica[1] - -	" -	"
	59	10	Rhynchonella bidens - -	" -	Glaidsdale, Yorkshi
	60	3	" subtetrahedra	" -	Dundry, Bristol.
	61	2	" - - - - -	" -	" "
	62	1	" cardium -	" -	Andoversford.
	63	1	" quadriplicata	" -	Stoney Cockbury.
	64	3	" spinosa - -	" -	Dundry.
	65	1	" senticosa -	" -	Near Shipton Gorg
	66	13	" - - -	" -	12, 17.
	67	8	" Lycettii -	" -	Stroud.
	68	5	" " - -	" -	Fossbridge.
VIII.	1	2	Ostrea flabelloides - -	" -	Cleeve Hill, Che ham.
	2	5	" " - -	" -	" "
	3	4	" Marshii - -	" -	" "
	4	1	" - - - -	" -	" "
	5	5	" Marshii - -	" -	
	6	5	" " - -	" -	Dundry.
	7	2	Gryphæa subloba - -	" -	Leckhampton, Ch ham.
	8	2	" " - -	" -	" "
	9	2	" " - -	" -	Broadwindsor, D shire.
	10	1	Plicatula complicata - -	" -	Cleeve Cloud, Ch ham.
	11	2	" ventricosa - -	" -	Leckhampton Hil
	12	5	Hinnites velatus - -	" -	
	13	1	Pecten - - - -	" -	Leckhampton Hill
	14	2	" - - - - -	" -	Dundry.
	15	1	" [2] - - - - -	" -	Leckhampton.
	16	3	" lens - - -	" -	45, 85.
	17	2	" " - - -	" -	45.
	18	1	" articulatus - -	" -	Cheltenham.
	19	1	" " - -	" -	Leckhampton, Ch ham.
	20	4	" paradoxus - -	" -	5, 23, 45.
	21	1	" personatus - -	" -	N. E. of Cheltenh
	22	5	" arcuatus - -	" -	Andoversford.
	23	5	" grandævus - -	" -	45.
	24	1	" - - - - -	" -	Dundry.
	25	2	" - - - - -	" -	Yeovil.
	26	4	" subspinosus - -	" -	
	27	1	" symmetricus - -	" -	Andoversford.
	28	1	" - - - - -	" -	Bradford Abbas.
	29	1	" - - - - -	" -	Leckhampton Hill

[1] Presented by Chas. Moore, Esq. [2] Presented by the Rev. P. B. Brodie.

se.	Tablet.	Specimen.	Name.	Formation.	Locality.
II.	30	4	Avicula costata - - -	Inferior Oolite.	Cheltenham.
	31	5	" complicata [1] - -	" -	(a) Leckhampton; (b) Cheltenham.
	32	5	" decussata - -	" -	83, 101.
	33	3	" inæquivalvus - -	" -	Andoversford.
	34	2	Grevillia lata - - -	" -	Dundry Hill.
	35	2	" " - - -	" -	"
	36	3	" acuta - - -	" -	Bridport.
	37	1	" Hartmanni - -	" -	Yeovil.
	38	1	" [1] - - - -	" -	Leckhampton.
	39	2	Perna rugosa - - -	" -	Cold Comfort, Cheltenham.
	40	2	Pteroperna plana - -	" -	Bridport.
	41	2	Pinna cuneata - - -	" -	Ravensgate, "
	42	3	" " - - -	" -	Cold Comfort.
	43	1	" Buckii? - - -	" -	loc. 66.
	44	1	" Hartmannii - -	" -	Bridport.
	45	1	" " - -	" -	Broadwindsor.
	46	2	" lanceolata - -	" -	Wooton-under-Edge.
	47	2	Trichites nodosus - -	" -	Crickley Hill, Cheltenham.
X.	1	1	Lima pectiniformis [2] - -	" -	Dundry.
	2	1	" proboscidea - -	" -	Minchinhampton.
	3	1	" Etheridgii - -	" -	Yeovil.
	4	2	" læviuscula - -	" -	108.
	5	3	" " - -	" -	108, 101.
	6	1	" " - -	" -	Leckhampton.
	7	1	" - - - - -	" -	Minchinhampton.
	8	1	" punctata - - -	" -	Leckhampton.
	9	1	" cardiiformis - -	" -	Dundry.
	10	2	" gibbosa - - -	" -	45.
	11	1	" ovalis - - -	" -	Cheltenham.
	12	2	" - - - - -	" -	3, 108.
	13	4	" duplicata - - -	" -	3, 84, 86, 104.
	14	2	" - - - - -	" -	Cheltenham.
	15	1	" semicircularis - -	" -	"
	16	5	Modiola Sowerbyana - -	" -	Dundry.
	17	4	" " - -	" -	Leckhampton.
	18	4	" " - -	" -	Broadwindsor.
	19	7	" " - -	" -	Cam, near Dursley.
	20	1	" " - -	" -	Ravensgate.
	21	4	" gibbosa - -	" -	
	22	3	" Hillana - -	" -	49.
	23	3	" explanata - -	" -	Cheltenham.
	24	1	" " - -	" -	"
	25	1	Mytilus pectinatus - -	" -	Leckhampton.
	26	2	Lithodomus - - - -	" -	Cheltenham.
	27	2	Cucullæa ornata - - -	" -	Cold Comfort, Cheltenham.
	28	2	" " - - -	" -	" "
	29	5	" " - - -	" -	" "
	30	3	" lævis - - -	" -	" "

[1] Presented by the Rev. P. B. Brodie. [2] Presented by W. H. Baily, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
IX.	31	1	Cucullæa oblonga - -	Inferior Oolite.	Dundry.
	32	7	,, ,, - -	,, -	5, 6, 7.
	33	2	,, elongata - -	,, -	63.
	34	1	,, ,, - - -	,, -	Dundry.
	35	1	,, - - - -	,, -	Cold Comfort.
	36	3	,, - - - -	,, -	Leckhampton.
	37	1	Trigonia signata - - -	,, -	Cheltenham.
	38	1	,, sculpta - - -	,, -	Bridport.
	39	2	,, tenuicosta - -	,, -	Dundry.
	40	1	,, ,, - - -	,, -	Yeovil.
	41	6	,, ,, - - -	,, -	Cold Comfort.
	42	5	,, ,, - - -	,, -	,, ,,
	43	5	,, ,, - - -	,, -	Dundry.
	44	7	,, striata - - -	,, -	Yeovil.
	45	1	,, ,, - - -	,, -	Ravensgate.
	46	4	,, formosa - - -	,, -	Cheltenham.
	47	1	,, hemisphærica -	,, -	Leckhampton.
X.	1	4	Cardium striatulum - -	,, -	6, 46, 101.
	2	4	,, cognatum - -	,, -	9, 12, 14, 163.
	3	1	,, - - - -	,, -	Cold Comfort.
	4	1	Lucina D'Orbignyana - -	,, -	Minchinhampto[redacted]on.
	5	1	Corbis aspera - - -	,, -	,,
	6	3	Unicardium - - - -	,, -	7, 19.
	7	3	Tancredia donaciformis [1] -	,, -	Rodborough Hi[redacted]ill.
	8	1	Astarte obliqua - - -	,, -	2.
	9	1	,, ,, - - -	,, -	Yeovil.
	10	1	,, ,, - - -	,, -	34.
	11	3	,, excavata - - -	,, -	Dundry.
	12	2	,, ,, - - -	,, -	1, Cold Comfo[redacted]rt; Cheltenham.
	13	2	,, ,, - - -	,, -	Cold Comfort.
	14	1	,, ,, - - -	,, -	,, ,,
	15	6	,, - - - - -	,, -	Dundry.
	16	4	,, - - - - -	,, -	Bradford Abbas.
	17	2	,, - - - - -	,, -	7, 14.
	18	1	,, - - - - -	,, -	Dundry.
	19	1	,, - - - - -	,, -	,,
	20	5	,, lurida - - -	,, -	107.
	21	6	,, ,, - - -	,, -	7, 52, 92.
	22	1	,, elegans - - -	,, -	38.
	23	1	,, ,, - - -	,, -	Cold Comfort.
	24	1	,, ,, - - -	,, -	Minchinhampton.
	25	4	,, ,, - - -	,, -	
	26	1	,, - - - - -	,, -	Dundry.
	27	4	,, - - - - -	,, -	7.
	28	1	,, minima - - -	,, -	52.
	29	3	,, - - - - -	,, -	
	30	6	,, pisum - - -	,, -	5, 8, 88, 63.
	31	1	,, interlineata - -	,, -	Leckhampton.
	32	4	Opis trigonalis - - -	,, -	Dundry.
	33	3	,, cordiformis - - -	,, -	Rodborough Hill.
	34	1	,, - - - - -	,, -	Cold Comfort.

[1] Presented by J. Lycett, M.D.

Specimen.	Name.	Formation.	Locality.
3	Opis - - - - -	Inferior Oolite.	Nibley Hill.
1	„ lunulatus - - -	„ -	5.
1	Cyprina - - - -	„ -	Stoney Cockbury.
2	Cypricardia cordiformis -	„ -	Dundry.
1	„ „ - -	„ -	Cold Comfort.
3	Myoconcha crassa - -	„ -	5, 6, 7.
4	„ „ - -	„ -	Dundry.
3	„ „ - -	„ -	„
3	„ „ - -	„ -	„
4	„ - - - -	„ -	7, 13.
3	Lutraria securiformis - -	„ -	Dundry.
6	„ decurtatum - -	„ -	„
3	- - - - - -	„ -	Rodborough.
3	Corbula Hulliana - - -	„ -	Crickley Hill, Cheltenham.
2	Gresslya peregrina - -	„ -	Dundry.
3	Mya æquata? - - -	„ -	105.
2	„ rotundata - - -	„ -	Ravensgate Hill.
2	„ „ - - -	„ -	„ „
1	Myacites dilata - - -	„ -	Leckhampton.
1	„ „ - - -	„ -	„
7	„ musculoides - -	„ -	Dundry.
10	„ tenuistriata - -	„ -	Poorstock.
8	„ „ - -	„ -	Chidcock Hill.
1	„ - - - - -	„ -	Cold Comfort.
2	„ recurva - -	„ -	37.
2	„ - - - - -	„ -	Cold Comfort.
1	Gresslya latirostris - -	„ -	Ravensgate.
1	„ „ - - -	„ -	Cold Comfort.
1	„ - - - - -	„ -	Birdlip.
2	„ - - - - -	„ -	Leckhampton.
1	Pholadomya Heraultii - -	„ -	Leckhampton Hill.
2	„ „ - -	„ -	Rodway Hill, Cheltenham.
2	„ „ - -	„ -	Dundry.
1	„ „ - -	„ -	„
2	„ „ - -	„ -	„
2	„ „ - -	„ -	Leckhampton Hill.
2	„ „ - -	„ -	Rodborough Hill.
2	„ obtusa - -	„ -	Dundry.
1	„ ovalis - -	„ -	Ravensgate.
1	„ fidicula - -	„ -	Dundry.
1	„ „ - -	„ -	Wooton-under-Edge.
1	„ „ - -	„ -	Rodborough Hill.
1	„ „ - -	„ -	Rodway.
1	„ - - - -	„ -	Dundry.
1	„ oblita - -	„ -	103.
1	- - - „ - -	„ -	
1	„ ovulum - -	„ -	Dundry.
2	„ - - - -	„ -	Crickley, Cheltenham.
1	- - - - - -	„ -	Broad Windsor.
1	Ceromya concentrica - -	„ -	Crewkene.
2	„ „ - -	„ -	Dundry.
1	Goniomya v—scripta - -	„ -	Ravensgate Hill.
2	„ „ - -	„ -	

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XI.	24	1	Anatina - - - -	Inferior Oolite.	Weather Hill, Dor
	25	1	„ - - - - -	„ -	10.
	26	1	„ undulata - - -	„ -	3.
	27	4	Thracia - - - -	„ -	14, 49, 63.
	28	17	Nucula erato - - -	„ -	5, 12, 7, 29, 58.
XII.	1	1	Nerita sp.[1] - - - -	„ -	Leckhampton.
	2	1	Emarginula[1] - - -	„ -	„
	3	1	Cirrus nodosus - - -	„ -	Dundry.
	4	1	Pleurotomaria fasciata -	„ -	Yeovil.
	5	2	„ „ - -	„ -	Dundry.
	6	2	„ granulata -	„ -	„
	7	4	„ „ -	„ -	Yeovil.
	8	3	„ „ -	„ -	„
	9	5	„ „ -	„ -	10, 12, 52, 55.
	10	1	„ elongata -	„ -	Dundry.
	11	3	„ „ -	„ -	„
	12	1	„ sulcata - -	„ -	„
	13	3	„ pallium - -	„ -	„
	14	6	„ punctata -	„ -	7, 59, 63, 90.
	15	2	„ „ -	„ -	Dundry.
	16	3	„ „ -	„ -	Bridport.
	17	1	„ - - -	„ -	Yeovil.
	18	4	„ armata - -	„ -	Dundry.
	19	1	„ ornata - -	„ -	Bridport.
	20	4	„ Aglaia ? -	„ -	Crickley Hill, Cheltenham.
	21	1	„ abbreviata -	„ -	Dundry.
	22	1	„ sp. - -	„ -	Cold Comfort.
	23	3	„ sp. - -	„ -	81, 20.
	24	4	Straparollus spinosus - -	„ -	Loc, 23, 42, 64.
	25	1	„ „ - -	„ -	Dundry.
	26	2	„ „ - -	„ -	?
	27	1	Patella inornata - -	„ -	Leckhampton.
	28	11	Monodonta Labadyei - -	„ -	7, 12, 36, 11.
	29	9	Trochus duplicatus - -	„ -	Burton Brodstock
	30	6	„ ornatissimus - -	„ -	„ „
	31	1	Nerinæa - - - -	„ -	Scarborough.
	32	1	„ - - - -	„ -	Bridport.
	33	1	„ - - - -	„ -	Cold Comfort.
	34	4	Littorina muricata - -	„ -	?
	35	1	„ funiculata - -	„ -	?
	36	2	„ ornata - -	„ -	Dundry.
	37	9	„ „ - - -	„ -	Loc. 5, 10, 38, 52, 83.
	38	1	Natica Leckhamptonensis -	„ -	?
	39	1	„ sp. - - - -	„ -	Cheltenham.
	40	6	Chemnitzia lineata - -	„ -	Poorstock.
	41	1	„ Opellii - -	„ -	Cleeve.
	42	1	Rostellaria composita - -	„ -	Dundry.
	43	1	Terebra lineata - - -	„ -	„
	44	9	? ? - - - -	„ -	Poorstock.

[1] Presented by the Rev. P. B. Brodie.

e.	Tablet.	Specimen.	Name.	Formation.	Locality.
I.	1	9	Terebratula ornithocephala -	Fuller'sEarth	1, Box Tunnel.
	2	12	„ globata - -	„ -	Near Bath.
	3	7	„ coarctata - -	„ -	Corsham.
	4	15	„ digona - -	„ -	E. end of Box Tunnel. *a.* Jaggard's House. *b.* Corsham.
	5	18	Rhynchonella varians - -	„ -	Andover. Box Tunnel.
	6	8	„ spinosa - -	„ -	1, 7.
	7	8	Ostrea Sowerbii - - -	„ -	Charlton Wood, Cold Comfort, Cheltenham.
	8	12	„ acuminata - -	„ -	5, 12.
	9	22	„ „ - -	„ -	14.
	10	1	Pinna ampla - - -	„ -	Box Tunnel.
	11	1	„ „ - - -	„ -	Woolaston, Northampton.
	12	8	Avicula echinata - - -	„ -	
	13	2	„ - - - - -	„ -	Box Tunnel.
	14	3	Lima cardiiformis - -	„ -	Box.
	15	5	„ duplicata - - -	„ -	36.
	16	2	Gervillia - - - -	„ -	14, 15.
	17	7	Modiola reniformis - -	„ -	2, 15, 32.
	18	7	„ gibbosa - - -	„ -	23, 24.
	19	4	„ plicata - - -	„ -	15, 23, 24, 36.
	20	2	Trigonia costata - - -	„ -	Bridport.
	21	8	Isocardia - - - -	„ -	1, 15, 19, 23, 24.
	22	2	Goniomya literata - -	„ -	Bradford.
	23	4	Pholadomya lyrata - -	„ -	Box Tunnel.
	24	2	Panopæa - - - -	„ -	Godminster.
	25	4	„ - - - - -	„ -	12, 19, 23, 32.
	26	2	„ - - - - -	„ -	Godminster.
	27	3	„ - - - - -	„ -	Radstock and Godminster.
	28	1	Anatina undulata - - -	„ -	3.
	29	1	Ceromya - - - -	„ -	Writhlington, near Frome.
	30	1	„ plicata - - -	„ -	Bexington.
	31	1	Cypricardia Bathonica - -	„ -	Box Tunnel.
	32	4	Pollicipes Ooliticus [1] - -	Stonesfield Slate.	Eyeford, near Cheltenham.
	33	2	Ostrea Sowerbii [2] - -	„ -	Stonesfield.
	34	1	Gervillia acuta [3] - - -	„ -	Collyweston, near Stamford.
	35	1	„ „ - - -	„ -	„ „
	36	1	Lima cardiiformis [4] - -	„ -	Stonesfield.
	37	1	Pinna sp. - - - -	„ -	Collyweston.
	38	1	Modiola imbricata [2] - -	„ -	Stonesfield.
	39	1	„ Sowerbyana - -	„ -	Collyweston.
	40	1	„ „ [4] - -	„ -	Stonesfield.
	41	1	Trigonia impressa [5] - -	„ -	„
	42	1	„ Moretonis [5] - -	„ -	„

[1] Presented by Jas. Buckman, Esq. [2] Presented by Lord A. Churchill.
„ J. G. Lowe, Esq. [4] „ Earl of Enniskillen.
[5] Presented by Marchioness of Hastings.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIII.	43	3	Trigonia Moretonis - -	Stonesfield Slate.	Little Tew.
	44	1	„ costata [1] - - -	„ -	Stonesfield.
	45	1	Cardium - - - -	„ -	Collyweston.
	46	1	Lucina crassa - - -	„ -	Great Tew.
	47	1	Ceromya - - - -	„ -	Collyweston.
	48	1	Pholadomya acuticostata -	„ -	Stonesfield.
	49	1	Pterocera Bentleyi - -	„ -	Collyweston.
	50	1	„ „ - -	„ -	„
	51	1	Patella paradoxa [2] - -	„ -	Stonesfield.
	52	3	Eulima communis [3] - -	„ -	„
	53	1	Natica [4] - - - -	„ -	„
XIV.	1	6	Terebratula maxillata - -	Great Oolite	North Leach.
	2	4	„ „ - -	„ -	Miserden.
	3	3	„ „ [5] -	„ -	North Leach.
	4	3	„ „ - -	„ -	Near Woodstock.
	5	6	„ digona - -	„ -	S. side of North Le
	6	16	Rhynchonella obsoleta - -	„ -	Box Tunnel.
	7	5	„ concinna -	„ -	Over Norton.
	8	4	Crania antiquior - - -	„ -	Hampton Cliffs.
	9	3	Ostrea - - - - -	„ -	Minchinhampton.
	10	6	„ gregaria - - -	„ -	„
	11	4	„ acuminata - - -	„ -	„
	12	3	„ Sowerbii - - -	„ -	Windrush.
	13	4	„ „ - - -	„ -	Minchinhampton.
	14	7	„ „ [6] - - -	„ -	„
	15	2	Plicatula fistulosa [7] - -	„ -	„
	16	4	Hinnites velatus [7] - - -	„ -	„
	17	5	Pecten retiferus [7] - - -	„ -	„
	18	3	„ annulatus [7] - -	„ -	„
	19	2	„ „ [7] - -	„ -	„
	20	3	„ lens [7] - - - -	„ -	„
	21	4	„ „ [7] - - - -	„ -	„
	22	4	„ clathratus [7] - -	„ -	„
	23	4	„ vagans [7] - - -	„ -	„
	24	5	„ „ [7] - - -	„ -	„
	25	3	Gervillia monotis [7] - -	„ -	„
	26	5	„ „ [7] - -	„ -	„
	27	3	„ ovata [7] - - -	„ -	„
	28	3	Pteroperna costatula [7] - -	„ -	„
	29	3	„ „ [7] - -	„ -	„
	30	1	„ „ - -	„ -	Bath.
	31	3	„ pygmæa [7] - -	„ -	Minchinhampton.
	32	8	Perna Bathonica [7] - -	„ -	„
	33	4	Placunopsis Jurensis [7] - -	„ -	„
	34	3	„ „ [7] - -	„ -	„
	35	8	„ socialis - -	„ -	„
	36	9	Avicula echinata [7] - -	„ -	„
	37	1	Trichites nodosus [8] - -	„ -	Coomb Down.

[1] Presented by T. Weaver, Esq.
[2] Presented by Earl of Enniskillen.
[3] „ Lord A. Churchill.
[4] „ Marchioness of Hastings.
[5] „ Prof. J. Morris.
[6] „ R. Jones, Esq.
[7] „ J. Lycett, M.D.
[8] „ S. P. Pratt, Esq.

se.	Tablet.	Specimen.	Name.	Formation.	Locality.
IV.	38	6	Lima impressa [1] - - -	Great Oolite.	Minchinhampton.
	39	8	„ semicircularis [1] - -	„ -	„
	40	2	„ cordiformis [1] - -	„ -	„
	41	7	„ duplicata [1] - - -	„ -	„
	42	1	„ - - - - -	„ -	„
	43	2	„ Luciensis [1] - - -	„ -	„
	44	3	„ ovalis [1] - - - -	„ -	„
.V.	1	7	Mytilus sublævis [1] - -	„ -	„
	2	3	Modiola furcata [1] - -	„ -	„
	3	3	„ Binfieldi [1] - -	„ -	„
	4	5	„ tenuistriata [1] - -	„ -	„
	5	6	„ imbricata [1] - -	„ -	„
	6	4	„ Lonsdalei - -	„ -	S. of Northampton.
	7	1	„ Sowerbyana [1] - -	„ -	Minchinhampton.
	8	7	Lithodomus inclusus - -	„ -	„
	9	4	„ „ - -	„ -	„
	10	3	Arca minuta [1] - - -	„ -	„
	11	6	„ æmula [1] - - -	„ -	„
	12	7	„ Prattii [1] - - -	„ -	„
	13	3	Cucullæa concinna [1] - -	„ -	„
	14	3	„ Goldfussi [1] - -	„ -	„
	15	4	„ „ [1] - -	„ -	„
	16	5	Macrodon Hirsonensis [1] -	„ -	„
	17	3	„ „ [1] -	„ -	„
	18	10	Limopsis oolitica [1] - -	„ -	„
	19	7	Trigonia Goldfussi [1] - -	„ -	„
	20	3	„ Mortonis [1] - -	„ -	„
	21	3	„ „ [1] - -	„ -	„
	22	2	„ „ [1] - -	„ -	„
	23	1	„ impressa - -	„ -	„
	24	3	„ subglobosa [1] - -	„ -	„
	25	3	„ costata [1] - -	„ -	„
	26	8	„ „ [1] - -	„ -	„
	27	2	Cardium pes-bovis [1] - -	„ -	„
	28	8	„ Stricklandi [1] - -	„ -	„
	29	4	Lucina crassa [1] - - -	„ -	„
	30	2	„ Bellona [1] - - -	„ -	Wittering.
	31	1	„ „ [2] - - -		
	32	1	Unicardium impressum [1] -	„ -	Minchinhampton.
	33	4	Tancredia planata [1] - -	„ -	„
	34	9	„ extensa [1] - -	„ -	„
	35	3	„ subcurtansata [1] -	„ -	„
	36	3	„ „ [1] - -	„ -	„
	37	9	„ brevis [1] - - -	„ -	„
	38	4	Sphæra Madrida [1] - -	„ -	„
	39	4	„ „ [1] - - -	„ -	„
	40	2	Capsa oblita [1] - - -	„ -	„
	41	1	„ - - - - -	„ -	Malton, Yorkshire.
	42	2	Corbicilla Bathonica [1] - -	„ -	Minchinhampton.
	43	4	Astarte rotunda - - -	„ -	Near Bath.
	44	2	„ quadrata [1] - - -	„ -	Minchinhampton.
	45	5	„ excavata [1] - - -	„ -	„
	46	5	„ lurida [1] - - -	„ -	„

[1] Presented by J. Lycett, M.D. [2] Presented by Lady Exeter.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XV.	47	2	Astarte interlineata [1] - -	Great Oolite.	Minchinhampton.
	48	11	„ lævis [1] - - -	„ -	„
	49	1	Isocardia truncata [1] - -	„ -	„
	50	1	Myoconcha crassa [1] - -	„ -	„
	51	2	„ „ [1] - -	„ -	„
	52	4	Opis similis [1] - - -	„ -	„
	53	7	„ lanulatus [1] - - -	„ -	„
XVI.	1	3	Cypricardia rostrata [1] -	„ -	Windrush Quarries.
	2	8	„ „ -	„ -	Minchinhampton.
	3	2	„ Bathonica [1] -	„ -	„
	4	2	„ „ [1] -	„ -	„
	5	3	„ nuculiformis [1] -	„ -	„
	6	1	Pachyrisma grande [2] - -	„ -	„
	7	1	„ „ - -	„ -	„
	8	10	Cyprina Loweana [1] - -	„ -	„
	9	6	Venus isocardioides [1] - -	„ -	„
	10	4	Corbula minuta [1] - - -	„ -	„
	11	3	Pholadomya - - -	„ -	?
	12	4	„ donacina [1] -	„ -	Minchinhampton.
	13	2	„ „ [1] -	„ -	„
	14	2	„ Murchisoniæ [1] -	„ -	„
	15	1	„ „ [1] -	„ -	„
	16	1	Ceromya similis [1] - -	„ -	„
	17	1	„ „ - -	„ -	„
	18	1	„ concentrica - -	„ -	Stamford.
	19	1	„ „ - -	„ -	„
	20	1	Pholas [1] - - - -	„ -	Minchinhampton.
	21	4	Nucula acuminata [1] - -	„ -	„
	22	8	„ variabilis [1] - -	„ -	„
	23	4	Actæonina parvula - -	„ -	„
	24	4	Cylindrites acutus [1] - -	„ -	„
	25	4	„ altus [1] - -	„ -	„
	26	9	„ cuspidatus [1] -	„ -	„
	27	11	Nerita rugosa [1] - - -	„ -	„
	28	9	„ hemisphærica - -	„ -	„
	29	5	„ „ [1] - -	„ -	„
	30	3	„ cancellata [1] - -	„ -	„
	31	3	„ striata [1] - - -	„ -	„
	32	3	Rimula clathrata [1] - -	„ -	„
	33	5	Trochotoma obtusa - -	„ -	„
	34	5	„ „ [1] - -	„ -	„
	35	1	„ discoidea [1] - -	„ -	„
	36	6	Patella suprajurensis [1] -	„ -	„
	37	10	„ Rœmeri [1] - - -	„ -	„
	38	10	„ angulata [1] - -	„ -	„
	39	6	„ Aubentoniensis -	„ -	„
	40	5	„ rugosa [1] - - -	„ -	„
	41	12	„ arachnoidea - -	„ -	„
	42	4	Umbrella? Hamptonensis [1] -	„ -	„
	43	1	Pleurotomaria scalaris [1] -	„ -	„
	44	1	„ „ [1] -	„ -	„
	45	4	Delphinula alta [1] - - -	„ -	„
	46	5	„ heliciformis [1] -	„ -	„

[1] Presented by J. Lycett, M.D.

[2] Presented by Prof. J. Morris.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XVI.	47	4	Monodonta [1] - - -	Great Oolite	Minchinhampton.
	48	10	„ formosa [1] - -	„ -	„
	49	1	„ Labadyei [1] - -	„ -	„
	50	4	„ Lyellii [1] - -	„ -	„
	51	2	Phasianella elegans [1] - -	„ -	„
	52	2	„ „ [1] - -	„ -	„
	53	5	„ acutiuscula [1] -	„ -	„
	54	3	„ Leymeriei - -	„ -	„
	55	1	„ „ [1] - -	„ -	„
	56	6	Trochus Bunburyi [1] - -	„ -	„
	57	9	„ „ [1] - -	„ -	„
	58	2	„ squamiger [1] - -	„ -	„
	59	3	„ Ibbetsoni [1] - -	„ -	„
	60	1	„ Dunkeri [1] - -	„ -	„
	61	2	Turbo Hamptonensis [1] - -	„ -	„
VII.	1	4	Cerithium Roissyi [1] - -	„ -	„
	2	7	„ quadricinctum [1] -	„ -	„
	3	1	„ sexcostatum [1] -	„ -	„
	4	2	Alaria hamus [1] - - -	„ -	„
	5	7	„ armata [1] - - -	„ -	„
	6	4	„ paradoxa [1] - -	„ -	„
	7	1	„ trifida [1] - - -	„ -	„
	8	2	„ punctata [1] - - -	„ -	„
	9	7	„ „ [1] - - -	„ -	„
	10	9	„ Voltzii [1] - - -	„ -	„
	11	8	„ „ [1] - - - -	„ -	„
	12	2	„ „ [1] - - - -	„ -	„
	13	3	„ funiculus [1] - - -	„ -	„
	14	2	„ „ [1] - - - -	„ -	„
	15	2	„ „ [1] - - - -	„ -	„
	16	3	„ Dufrenoyii [1] - -	„ -	„
	17	3	Solarium disculum [1] - -	„ -	„
	18	5	Chemnitzia Lonsdalei [1] -	„ -	„
	19	2	„ „ [1] - -	„ -	„
	20	2	„ variabilis [1] - -	„ -	„
	21	8	„ Wetherellii [1] -	„ -	„
	22	3	„ Hamptonensis [1] -	„ -	„
	23	3	„ [1] - - - -	„ -	„
	24	1	„ [1] - - - -	„ -	„
	25	1	„ [1] - - - -	„ -	„
	26	1	„ [1] - - - -	„ -	„
	27	3	Natica Sharpii [1] - - -	„ -	„
	28	4	„ pyramidata [1] - -	„ -	„
	29	4	„ intermedia [1] - -	„ -	„
	30	4	„ Verneuilii [1] -	„ -	„
	31	5	„ Michelini [1] - -	„ -	„
	32	5	Purpuroidea Morrisii [1] - -	„ -	„
	33	6	„ glabra [1] - -	„ -	„
	34	4	„ nodulata [1] -	„ -	„
	35	8	Ceritella acuta [1] - - -	„ -	„
	36	3	„ conica [1] - - -	„ -	„
	37	1	Pterocera Wrightii - -	„ -	Bradford.

[1] Presented by J. Lycett, M.D.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XVIII	1	8	Terebratula maxillata - -	Bradford Clay.	Bradford.
	2	7	" " - -	" -	Jaggards House, Corsham.
	3	2	" cardium [1] - -	" -	Hampton Cliff.
	4	10	" " - -	" -	Pickwick, Wilts.
	5	14	" digona - -	" -	Bradford.
	6	11	" coarctata - -	" -	"
	7	7	" flabellum - -	" -	Tetbury Road.
	8	2	" " [1] - -	" -	Hampton.
	9	12	Rhynchonella obsoleta - -	" -	Bradford.
	10	8	Ostrea Sowerbyii - - -	" -	Tetbury Road.
	11	3	" - - -	" -	Bradford.
	12	3	Pecten vagans - - -	" -	"
	13	13	Avicula costata - - -	" -	Bradford, Wilts.
	14	3	" " - - -	" -	Box Tunnel.
	15	2	Modiola - - - -	" -	Bradford.
	16	2	Isocardia rostrata - - -	" -	"
	17	2	Isoarca [2] - - - -	" -	"
	18	10	Terebratula submaxillata -	Forest Marble	Corsham, Wiltshire.
	19	5	" " [3] - -	" -	Pickwick, "
	20	4	" maxillata - -	" -	Kineton, "
	21	6	" digona - -	" -	Kits Cabin, Northamptonshire.
	22	1	Rhynchonella - - -	" -	Bradford, Wilts.
	23	4	" concinna -	" -	Corsham.
	24	1	" obsoleta - -	" -	Bradford.
	25	5	" " - -	" -	Corsham.
	26	6	" - - - -	" -	"
	27	4	Ostrea Sowerbyii - - -	" -	Orchardleigh, Frome.
	28	1	" " [4] - - -	" -	Hinton Abbey.
	29	1	" subrugulosa [5] - -	" -	Danes Hill.
	30	5	" - - - - -	" -	Chippenham.
	31	4	" - - - - - -	" -	Frome.
	32	6	Spondylus? [4] - - -	" -	Hinton Abbey.
XIX.	1	6	Pecten vagans - - -	" -	Lower Stanton, Wilts.
	2	3	" " - - -	" -	Castle Combe, Chippenham.
	3	2	" " [4] - - -	" -	Hinton Abbey.
	4	2	" arcuatus -		Corsham.
	5	1	" annulatus [4] -		Hinton Abbey.
	6	2	" " -	" -	Corsham.
	7	1	" rigidus -	" -	Castle Combe, Chippenham.
	8	3	Gervillia crassicosta [4] - -	" -	Hinton Abbey.
	9	1	Avicula - - - -	" -	Castle Combe, Chippenham.
	10	14	" echinata - -	" -	Chippenham Railway Bridge.
	11	12	" " - -	" -	" "
	12	2	Perna [6] - - - -	" -	Lacock, Wilts.

[1] Presented by J. Kilbert, Esq.
" J. G. Lowe, Esq.
" Lady Exeter.

[2] Presented by S. P. Woodward, Esq.
[4] " S. P. Pratt, Esq.
[6] " J. Kilvert, Esq.

ase.	Tablet.	Specimen.	Name.	Formation.	Locality.
IX.	13	1	Placunopsis Jurensis	ForestMarble	Stanton.
	14	3	Lima duplicata	„	Lower Stanton.
	15	10	„ „	„	Stanton, Wilts.
	16	1	„ cardiiformis	„	Corsham, „
	17	1	„ „	„	„ „
	18	1	Mytilus sublævis	„	„ „
	19	1	Modiola imbricata	„	Atworth.
	20	2	„	„	Corsham.
	21	3	„ Lonsdalei	„	Chippenham Railway Bridge.
	22	1	Lithodomus inclusus	„	Orchardleigh, Frome.
	23	2	Macrodon Hirsonensis	„	Hinton Abbey.
	24	2	Trigonia costata [1]	„	„ „
	25	2	„ „ [1]	„	„ „
	26	1	„ Goldfussi	„	Frome.
	27	1	„ Pullus [2]	„	Lacock, Wilts.
	28	4	Cardium	„	Corsham, Wilts.
	29	1	„ Stricklandi ? [1]	„	Hinton Abbey.
	30	1	Lucina crassa	„	Malmsbury.
	31	4	Sphæra Madrida [1]	„	Hinton Abbey.
	32	3	Tancredia [2]	„	Lacock, Wilts.
	33	5	Unicardium impressum [1]	„	Hinton Abbey.
	34	1	„ „	„	Orchardleigh.
	35	3	[2]	„	Lacock.
	36	4	[1]	„	Hinton Abbey.
	37	4	Astarte [2]	„	Lacock.
	38	4	„ [1]	„	Hinton Abbey.
	39	5	„ [1]	„	„ „
	40	4	Cypricardia Bathonica	„	Kineton, Wilts.
	41	5	Isocardia tenera	„	Corsham.
	42	6	Corbula tenuata [2]	„	Lacock.
	43	9	„ „ [2]	„	„
	44	1	Panopea	„	Corsham.
	45	1	Homomya gibbosa	„	Box Tunnel.
	46	1	Pholadomya acuticosta	„	„
	47	2	Ceromya concentrica	„	Corsham.
	48	1	„ „	„	„
	49	2	Pholas [2]	„	Lacock, Wilts.
	50	3	Nucula Menkii [2]	„	„ „
	51	3	„ Waltoni [2]	„	Hinton Abbey.
	52	5	„ lachryma [2]	„	Lacock, Wilts.
	53	5	Actæonina olivæformis [2]	„	Lacock, „
	54	4	„ Luidii	„	Orchardleigh, Wilts.
	55	6	„ „	„	Lacock, „
	56	2	„ „ [1]	„	Hinton Abbey, „
	57	3	„ „	„	Bradford, „
	58	3	Nerita Buvignieri [1]	„	Hinton Abbey, „
	59	4	„ rugosa [2]	„	No. 1. Lacock, Wilts; „ 2. Bothenhampton, Bridport.
	60	2	„ hemisphærica [2]	„	Lacock, Wilts.
	61	2	„	„	Orchardleigh, Wilts.
	62	7	„ [2]	„	Lacock, „
	63	4	„ costulata [2]	„	„ „

[1] Presented by S. P. Pratt, Esq. [2] Presented by John Kilvert, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIX.	64	2	Nerita [1] - - - -	ForestMarble	Hinton Abbey, Wilt
	65	1	„ [1] - - - -	„ -	„ „
	66	4	Phasianella [2] - - -	„ -	Lacock, „
	67	2	„ [2] - -	„ -	„ „
	68	9	Trochus spiratus [2] - -	„ -	„ „
	69	3	„ [1] - - -	„ -	Hinton Abbey, „
	70	6	Turbo (Monodonta) [2] - -	„ -	Lacock, „ „
	71	7	„ [2] - - - -	„ -	„ „ „
	72	6	„ obtusus [2] - -	„ -	„ „
	73	4	„ (Monodonta) [1] - -	„ -	Hinton Abbey, „
	74	9	Cerithium costigerum [1] -	„ -	„ „
	75	6	„ „ [2] -	„ -	Lacock, „
	76	3	„ [2] - - - -	„ -	Hinton Abbey, „
	77	12	„ [2] - - - -	„ -	Lacock, „
	78	4	„ [2] - - - -	„ -	„ „
	79	9	Rissoina duplicata [2] - -	„ -	„ „
	80	5	Kilvertia pulchra [2] - -	„ -	„ „
	81	1	Natica [2] - - - -	„ -	„ „
	82	1	„ [2] - - - -	„ -	Hinton Abbey, „
	83	1	„ [2] - - - -	„ -	„ „
	84	6	Pagodus nodosus [2] - -	„ -	Lacock, „
XX.	1	8	Terebratula intermedia -	Cornbrash	Stanton, Wilts.
	2	9	„ „ -	„ -	Corsham, „
	3	5	„ ornithocephala -	„ -	Rushden.
	4	10	„ obovata -	„ -	Chippenham.
	5	10	„ „ -	„ -	„
	6	10	„ „ -	„ -	„
	7	6	„ „ -	„ -	„
	8	8	Rhynchonella concinna -	„ -	„
	9	11	„ „ -	„ -	„
	10	11	„ „ -	„ -	„
	11	4	„ „ -	„ -	Glympton, Woodst
	12	18	„ varians -	„ -	50, 42, 7.
	13	3	Ostrea Marshii - - -	„ -	Ashcombe, Eastfiel
	14	8	„ Sowerbyi - - -	„ -	Chippenham.
	15	6	„ costata - - -	„ -	Staunton.
	16	4	„ gregaria - - -	„ -	Langton Herring Charlton.
	17	5	„ acuminata - -	„ -	Roundhill and G combe.
	18	4	„ rugosa - - -	„ -	Gorscombe, Staun &c.
	19	5	„ „ - - -	„ -	Stalbridge, Weston
	20	2	Pecten demissus - -	„ -	Wincanton.
	21	8	„ vagans - - -	„ -	Chippenham.
	22	5	„ „ - - -	„ -	Wincanton, G combe, &c.
	23	8	„ „ - - -	„ -	Staunton, near C penham.
	24	1	Avicula Munsteri - - -	„ -	Abbotsbury.
	25	14	„ echinata - - -	„ -	Chippinham.
	26	10	„ „ - - -	„ -	„
	27	3	„ „ - - -	„ -	„

[1] Presented by S. P. Pratt, Esq. [2] Presented by John Kilvert, Esq.

e.	Tablet.	Specimen.	Name.	Formation.	Locality.
X.	28	7	Avicula echinata - - -	Cornbrash	Staunton, near Chippenham.
	29	8	Lima duplicata - - -	" -	" "
	30	4	" " - - -	" -	" "
	31	3	" " - - -	" -	" "
	32	1	Gervillia acuta - - -	" -	Stoney Stoke.
	33	1	Pinna ampla - - -	" -	Bishop's Caundle.
	34	1	Lithodomus inclusus - -	" -	Stoney Stoke.
	35	2	Modiola reniformis - -	" -	Melbury Osmond.
	36	4	" cuneata - - -	" -	Lower Stanton.
	37	2	" bipartita - - -	" -	Draycot, Wilts.
	38	1	" " - - -	" -	Rushden, Northampshire.
	39	2	" Lonsdalei - -	" -	Staunton, Wilts.
	40	6	" " - - -	" -	" "
	41	1	" imbricata - -	" -	" "
	42	1	" aspera - - -	" -	" "
	43	2	Macrodon Hirsonensis - -	" -	Chippenham.
	44	3	Mytilus Sowerbyanus - -	" -	Staunton, Wilts.
	45	3	Trigonia costata - - -	" -	Eastfield, &c.
	46	3	Cardium citrinoideum - -	" -	Langham and Corscombe.
	47	1	" Buckmani - -	" -	Lower Stanton.
	48	2	Unicardium varicosum -	" -	Bishop's Caundle.
	49	2	Astarte rotunda - - -	" -	79?
	50	4	" - - - -	" -	Corscombe and Stoney Stoke.
	51	4	" depressa - - -	" -	Longport Lane, Woodstock.
I.	1	2	Cypricardia rostrata - -	" -	Horsington and Bishop's Caundle.
	2	3	" - - - -	" -	Chippenham.
	3	10	Isocardia triangularis - -	" -	"
	4	2	" minima - -	" -	Oldford Hill.
	5	4	" [1] - - - -	" -	Chippenham.
	6	5	" tenera - - -	" -	"
	7	2	Ceromya concentrica - -	" -	Oldford Hill and Chippenham.
	8	2	Pholadomya lyrata (carinata)	" -	Chippenham.
	9	2	" " - -	" -	Abbotsbury, Dorset.
	10	2	" " - -	" -	27.
	11	1	" Bucardium or deltoidea.	" -	Rusden.
	12	2	" " -	" -	Nettington and Gorscombe.
	13	1	" " -	" -	27.
	14	1	" decorata	" -	Brora, Isle of Skye.
	15	1	Myacites decurtata - -	" -	Lower Staunton, Chippenham.
	16	1	" " - -	" -	Louden, Chippenham.
	17	3	" " - -	" -	Rhyme.
	18	1	" dilata - - -	" -	Chippenham.
	19	1	" calceiformis - -	" -	
	20	1	" " - -	" -	Scarboro'.

[1] Presented by J. G. Lowe, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXI.	21	1	Homomya gibbosa - -	Cornbrash	21.
	22	2	Goniomya literata - -	" -	
	23	6	Gresslya peregrina - -	" -	Chippenham.
	24	2	" " - -	" -	*a*, Wincanton; *b*, S. of E. Coke
	25	1	Bulla undulata[1] - -	" -	Chippenham.
	26	2	Cylindrites Thorenti - -	" -	31.
	27	3	Trochus - - - -	" -	
	28	4	Natica - - - - -	" -	55.

Oolitic Series. (Drawers 2 to 29.)

UNDERNEATH THE FLAT CASES.

C.—LOWER OOLITE GROUP. Sect. II.

Drawers II. to XXI.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
II.	1	4	Gryphæa obliquata - -	Lower Lias	Rock Cliff, near
	2	4	Plicatula spinosa - - -	" -	Cheltenham.
	3	1	Inoceramus dubius - -	" -	Lyme Regis.
	4	1	Pinna diluvianum - -	" -	Bridgend.
	5	1	Lima Hermanni - - -	" -	Horfield, near
	6	3	" pectenoides - - -	" -	Clandown.
	7	9	Modiola psilonoti - - -	" -	Uplyme.
	8	3	" cuneata - - -	" -	Walkworth.
	9	1	" " - - -	" -	Chipping Camd
	10	1	" " - - -	" -	Stonehouse, C tershire.
	11	4	" Hillana - - -	" -	Higham Quarry
	12	2	" - - - -	" -	Berkley Heath, cestershire
	13	4	" - - - -	" -	Wells.
	14	1	Mytilus hippocampus - -	" -	Berkley Heath, cestershire.
	15	1	Arca truncata - - -	" -	Cheltenham.
	16	2	" " - - -	" -	"
	17	1	" " - - -	" -	Stonehouse.
	18	2	" elongata - - -	" -	Railway Cutting site Chipping Mill.
	19	1	" " - - -	" -	Cheltenham.

[1] Presented by J. G. Lowe, Esq.

	Tablet.	Specimen.	Name.	Formation.	Locality.
	20	2	Arca elongata	Lower Lias	Stonehouse, Gloucestershire.
	21	1	" "	"	Chipping Camden.
	22	8	"	"	Stonehouse.
	23	1	Cardium truncatum	"	Chipping Camden.
	24	10	" "	"	" "
	25	2	" "	"	" "
	26	6	" "	"	Lyme Regis.
	27	1	Unicardium cardioides	"	Chipping Camden.
	28	5	" "	"	Cheltenham.
	29	6	Astarte ovalis	"	Stonehouse.
	30	3	Cardinia hybrida	"	Marl Hill, Cheltenham.
	31	2	" attenuata	"	Cheltenham.
	32	3	" abducta	"	Hayford Bridge.
	33	3	" Listeri	"	Cheltenham.
	34	3	Pholadomya ambigua	"	Paulton, nr. Radstock.
	35	4	" "	"	Cliff under Lighthouse, St. Donets.
	36	7	Myacites	"	Berkley Heath, Gloucestershire.
	37	2	"		
	38	1	"	"	Thurloer, nr. Taunton.
	39	1	"	"	Cheltenham.
	40	2	" musculoides	"	Wells.
	41	1	" [1]	"	Mickleton Tunnel.
	42	2	Ceromya lineata	"	Hayford Cutting.
	43	4	Gresslya anglica	"	Chipping Camden.
I.	1	1	Goniomya literata	"	"
	2	10	Leda ovum	"	Eydon, Northamptonshire.
	3	9	" rostralis	"	Cheltenham.
	4	7	" complanata	"	Stonehouse.
	5	10	"	"	Chipping Camden.
	6	14	Cerithium	"	Stonehouse.
	7	1	"	"	Bridgend, Glamorganshire.
	8	2	Littorina	"	" "
	9	4	Turritella	"	Lyme Regis.
V.	1	2	Terebratula punctata	Middle Lias	Cleveland.
	2	2	" Wiltoni	"	Lodge Hill, near Hadspen.
	3	9	" numismalis	"	Near Stamford.
	4	2	Spirifer rostratus	"	Ilminster.
	5	2	Rhynchonella variabilis	"	Cleveland.
	6	5	" "	"	28, 44.
	7	7	" "	"	Skiningrove.
	8	6	" tetrahedra	"	Staithes.
	9	10	" "	"	Nibley Green.
	10	3	" "	"	Gretton Hill.
	11	10	" "	"	Uley.
	12	2	" subconcinna	"	Burton Hill, near Kineton.

[1] Presented by G. Gavey, Esq.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
IV.	13	1	Pecten cinctus - - -	Middle Lias.	
	14	1	„ æquivalvis - -	„ -	Stinchcombe Hill.
	15	1	„ „ - -	„ -	Dumbleton.
	16	1	„ „ - -	„ -	Stinchcombe.
	17	2	„ demissus - -	„ -	Near Stamforp.
	18	2	„ „ - -	„ -	„
	19	1	Hinnites - - - -	„ -	„
	20	2	Lima - - - -	„ -	Radstock.
	21	3	„ punctata - - -	„ -	Near Stamford.
	22	1	Modiola - - - -	„ -	Berkely Heath, G[illegible] cestershire.
	23	1	Arca - - - - -	„ -	Mickleton Tunnel.
	24	1	„ truncata - - -	„ -	Dumbleton Hill.
	25	2	Cardium truncatum - -	„ -	Staithes.
	26	1	„ „ - -	„ -	„
	27	1	„ „ - -	„ -	Nibley Green, Glou[illegible] tershire.
	28	1	Corbis uniformis - -	„ -	„ „
	29	2	Lucina - - - -	„ -	Bredon Hill.
	30	1	Unicardium cardioides -	„ -	Berkley Heath, G[illegible] cestershire.
	31	1	„ „ -	„ -	Dumbleton.
	32	6	Astarte - - - -	„ -	Stow on the Wold.
	33	2	„ - - - -	„ -	Seatown, Dorsetsh[illegible]
	34	3	„ - - - -	„ -	Near Stamford.
	35	1	Cardinia crassissima - -	„ -	Near Paulton, [illegible] stock.
	36	2	„ „ - -	„ -	10, 37.
	37	1	„ „ - -	„ -	
	38	1	„ „ - -	„ -	Wooton Under-ed[illegible]
	39	1	Mytilus hippocampus - -	„ -	Dumbleton.
	40	3	Myacites - - - -	„ -	Gretton, Cheltenh[illegible]
	41	1	„ - - - -	„ -	Dumbleton.
	42	1	Homomya - - - -	„ -	Gretton Hill.
	43	1	„ - - - -	„ -	„
	44	1	„ - - - -	„ -	„
	45	1	„ - - - -	„ -	„
	46	2	Gresslya anglica - - -	„ -	Berkley Heath, G[illegible] cestershire.
	47	5	Pleurotomaria rotellæformis	„ -	Cheltenham.
	48	1	„ expansa -	„ -	Uley, near Dursley
VII.	1	4	Terebratula globata - -	Inf Oolite	Stoney Cockbury.
	2	1	„ sub-globosa -	„ -	Crown Court K[illegible] W. of Hinton, [illegible] George's.
	3	2	„ plicata - -	„ -	Leckhampton Hill
	4	2	„ fimbria - -	„ -	Near Whittington
	5	6	„ perovalis - -	„ -	22, 39, 68, 98.
	6	4	„ „ - -	„ -	Bank near Poorsto[illegible]
	7	10	„ sphæroidalis -	„ -	Dorsetshire.
	8	12	„ „ -	„ -	„
	9	2	„ Wrightii - -	„ -	Ravensgate Hill.
	10	7	- - - -	„ -	4 miles N.W. of [illegible] worth.
	11	9	Rhynchonella concinna -	„ -	Rodborough Hi[illegible] Stroud.

	Tablet.	Specimen.	Name.	Formation.	Locality.
I.	12	3	Rhynchonella concinna -	Inf. Oolite	Lodge Hill, near Hadspen.
	13	1	" " -	" -	Bruton.
	14	9	" " -	" -	Leckhampton Hill.
	15	7	" " -	" -	Near Northleach.
	16	5	" " -	" -	"
	17	2	" farcta -	" -	Withlington.
	18	7	" spinosa -	" -	Rodborough Hill, Stroud.
	19	4	" " -	" -	Sapperton Tunnel.
	20	1	" plicatilla -	" -	Poorstock.
	21	2	" obsoleta -	" -	Charlton Common.
	22	1	" " -	" -	Stoney Cockbury.
	23	3	" sub-obsoleta -	" -	2 miles N. of Stroud.
	24	5	" " -	" -	End of No. 1 cutting, Avon.
	25	10	" " -	" -	4 miles N.W of Nailsworth.
	26	3	" tetrahedra -	" -	Leckhampton Hill.
	27	1	" sub-decorata -	" -	"
	28	3	" quadriplicata -	" -	Cleeve Hill.
	29	8	" Lycettii -	" -	Leckhampton.
	30	4	" - - - - -	" -	Chidcock Hill, Dorset.
	31	2	Ostrea - - - - -	" -	Sudely Hill.
	32	2	Pecten - - - - -	" -	Leckhampton.
	33	1	" - - - - -	" -	Chidcock Hill, Dorset.
	34	1	" - - - - -	" -	Cheltenham.
	35	2	" - - - - -	" -	Bridport.
	36	1	Gervillia lata - - - -	" -	Cold Comfort.
	37	2	" " - - - -	" -	Near Yeovil.
	38	1	" " - - -	" -	Uley, near Gloucester.
	39	1	" acuta - - - -	" -	Pitsford.
	40	2	Pinna cuneata - - - -	" -	Ravensgate Hill.
	41	2	" - - - - - -	" -	Windrush.
	42	2	" - - - - - -	" -	Cam Down, Dursley.
	43	1	" - - - - - -	" -	Wytchley Warren, near Ritton.
	44	1	Lima - - - - - -	" -	S. of Perrott.
	45	4	" - - - - - -	" -	Near Yeovil.
	46	1	" - - - - - -	" -	Leckhampton Hill.
	47	1	" - - - - - -	" -	Great Tew, 5 miles N.E. of Chipping Norton.
II.	1	3	Modiola plicata - - -	" -	Cam Down.
	2	2	" " - - -	" -	Leckhampton Hill.
	3	3	" " - - - -	" -	Sudley Hill.
	4	3	" " - - - -	" -	Railway shaft, Poorstock.
	5	3	" gibbosa - - -	" -	Dorsetshire.
	6	5	" " - - -	" -	"
	7	2	" tumida - - - -	" -	Cleeve Hill.
	8	1	" - - - - -	" -	Ravensgate.
	9	1	Mytilus aspera - - -	" -	South of Castle Carey, Bruton.
	10	2	Arca - - - - - -	" -	Yeovil.
	11	2	" - - - - - -	" -	Crown Court Knaps, W. of Hinton St. George's

Dr	Tablet.	Specimen.	Name.	Formation.	Locality.
VIII.	12	1	Cucullæa - - - -	Inf. Oolite	Powt, nr. Corba
	13	7	„ - - - -	„ -	Crown Court Kn of Hinton St.G
	14	5	Trigonia costata - - -	„ -	Sherborne, near
	15	1	„ formosa - - -	„ -	Cold Comfort, Cheltenham.
	16	1	Cardium - - - -	„ -	„ „
	17	2	Lucina Bellona - - -	„ -	Leckhampton H
	18	6	Astarte obliqua - - -	„ -	Sherborne, near
	19	1	„ „ - - -	„ -	Bridport Harbou
	20	2	„ excavata - - -	„ -	Dundry.
	21	1	„ „ - - -	„ -	Cleeve Hill.
	22	1	„ „ - - -	„ -	Yeovil.
	23	3	„ „ - - -	„ -	Bridport.
	24	1	„ „ - - -	„ -	Cold Comfort.
	25	3	„ - - - -	„ -	„ „
	26	2	„ - - - -	„ -	Nibley.
	27	3	„ - - - -	„ -	South of Castle
	28	3	Opis trigonalis - - -	„ -	Bridport.
	29	1	„ lunulatus - - -	„ -	Ravensgate.
	30	1	„ „ - - -	„ -	Leckhampton.
	31	2	Cypricardia cordiformis -	„ -	Cold Comfort.
	32	1	Thalassites - - - -	„ -	Leckhampton.
	33	2	Pholadomya ovulum - -	„ -	Cleeve Hill.
	34	1	„ fidicula - -	„ -	Wytchley Warr Ritton.
	35	1	„ „ - -	„ -	Ravensgate.
	36	2	„ „ - -	„ -	Leckhampton.
	37	1	„ „ - -	„ -	Cleeve Hill.
	38	1	„ „ - -	„ -	Broad Windsor, shire.
	39	1	„ Heraultii - -	„ -	Ravensgate.
	40	2	„ - - - -	„ -	Broad Windsor, shire.
	41	2	„ - - - -	„ -	Perrott.
	42	1	„ - - - -	„ -	Ravensgate Hill
	43	1	„ - - - -	„ -	„ „
	44	1	„ - - - -	„ -	Leckhampton H
	45	1	„ - - - -	„ -	„
	46	2	„ - - - -	„ -	Sandpit, West o Windsor.
	47	1	Homomya crassiuscula -	„ -	Leckhampton H
	48	1	„ „ - -	„ -	Cold Comfort, C ham.
IX.	1	3	Ceromya Bajociana - -	„ -	Broad Windsor.
	2	1	„ plicata - - -	„ -	South of Co Cheltenham.
	3	1	„ concentrica - -	„ -	Perrott, Dorsetsl
	4	1	„ „ - -	„ -	Ravensgate.
	5	1	„ „ - -	„ -	Misterton.
	6	1	Goniomya literata - -	„ -	Ravensgate Hill.
	7	3	Gresslya latirostris - -	„ -	Broad Windsor.
	8	1	„ „ - -	„ -	Leckhampton Hi
	9	1	„ „ - -	„ -	Cleeve Hill, Chelt
	10	6	„ „ - -	„ -	Ravensgate.
	11	1	„ „ - -	„ -	„

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
X.	12	2	Gresslya latirostris	Inf. Oolite	Leckhampton Hill.
	13	1	" "	"	Broad Windsor.
	14	4	"	"	Rodboro' Hill.
	15	3	Myacites Jurassii	"	Dundry.
	16	3	" "	"	"
	17	3	" "	"	"
	18	5	" tenuistriata	"	Benton, Bradstock.
	19	4	" "	"	Shipton Gorge, Dorset.
	20	4	" "	"	Perrott.
	21	9	" "	"	Shipton Gorge, Dorset.
	22	1	" dilata	"	Ravensgate Hill, Cheltenham.
	23	1	" "	"	" "
	24	4	"	"	" "
	25	1	"	"	" "
	26	1	"	"	" "
	27	1	"	"	" "
	28	1	"	"	" "
	29	1	"	"	Cold Comfort, Cheltenham.
	30	1	"	"	" "
	31	2	"	"	" "
	32	2	"	"	Leckhampton.
	33	1	Acromya	"	Ravensgate Hill, Cheltenham.
	1	2	Cirrus acutus	"	Bridport.
	2	5	Pleurotomaria ornata	"	"
	3	1	"	"	"
	4	1	"	"	"
	5	2	"	"	Yeovil.
	6	2	Trochus	"	Nibley.
	7	1	Turbo	"	Bridport Harbour.
	8	2	Monodonta	"	South of Castle Carey.
	9	1	Cerithium	"	Leckhampton Hill.
	10	1	Nerinæa	"	Yeovil.
	11	3	"	"	E. Coker, near Yeovil.
	12	1	Littorina	"	Charlton, Musgrave.
	13	1	" ornata	"	" "
	14	1	Chemnitzia Opelli	"	Cleeve Cloud.
	15	13	Natica crithea	"	Yeovil.
	1	11	Terebratula ornithocephala	Fullers' earth	Box Tunnel.
	2	7	" "	"	South of Godminster.
	3	1	Ostrea acuminata	"	Rushmere Farm.
	4	2	Pholadomya Heraultii	"	Godminster.
	5	1	Ceromya plicata	"	Bexington.
	6	1	Goniomya angulifera	"	Box Tunnel.
	7	1	Pecten	Stonesfield Slate.	Stonesfield.
	8	1	Gervillia acuta[1]	"	Collyweston.
	9	2	Cardium[1]	"	"
	10	2	Trigonia impressa	"	"

[1] Presented by — Noyes, Esq.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIV.	1	8	Terebratula globata - -	Great Oolite	Brayfield, near Northampton.
	2	2	" plicata - -	" -	Blackingrove, near Eddington.
	3	6	" digona - -	" -	Brayfield, near Northampton.
	4	3	" maxillata - -	" -	S. side of North Leach.
	5	1	" " - -	" -	Deddington, Oxfordshire.
	6	4	" " - -	" -	Birds Nest Quarry, Burford.
	7	3	" " - -	" -	1 mile S. of Stonesfield.
	8	2	" " - -	" -	Birds Nest Quarry, Burford.
	9	2	" " - -	" -	Gibralter, Oxford.
	10	1	" " - -	" -	1 mile W. of Banbury.
	11	7	Rhynchonella concinna -	" -	Heyford.
	12	2	" " - -	" -	1 mile W. of Banbury.
	13	2	" - - - -	" -	Northampton.
	14	4	Ostrea Sowerbyi - - -	" -	Heyford.
	15	4	" - - - - -	" -	Brayfield, near Northampton.
	16	1	Hinnites velatus - - -	" -	Pickwick, Wiltshire.
	17	1	Pecten fibrosus - - -	" -	Bladon, nr. Woodstock.
	18	1	" vagans - - -	" -	Minchinhampton.
	19	1	" - - - -	" -	Birds Nest Quarry, Burford.
	20	1	" - - - -	" -	Symonds Hall, nr. Uley.
	21	1	Avicula Braamburiensis -	" -	Yorkshire.
	22	1	" Munsteri - -	" -	Bradford, Wiltshire.
	23	1	" - - - -	" -	Near Woodstock.
	24	1	" - - - -	" -	Bothenhampton Quarries, near Bridport.
	25	1	Gervillia - - - -	" -	Minchinhampton.
	26	1	" - - - -	" -	"
	27	1	Lima semicircularis - -	" -	Yorkshire.
	28	1	" impressa - - -	" -	Malton.
	29	1	" " - - -	" -	Stamford.
	30	1	" ovalis - - -	" -	Bath.
	31	1	" cardiiformis - -	" -	Minchinhampton.
	32	1	" punctata - - -	" -	"
	33	1	" - - - - -	" -	Northampton.
	34	3	Modiola Lonsdalei - -	" -	¼ mile N. of Abingdon Lodge, Northamptonshire.
	35	4	" gibbosa - - -	" -	1 mile S. of Stonesfield.
	36	5	Modiola - - - -	" -	Windrush, nr. Burford.
	37	4	" - - - -	" -	" "
	38	4	" - - - -	" -	" "
	39	2	Mytilus sublævis - - -	" -	Sandford Park, Oxfordshire.
	40	1	Limopsis oolitica - - -	" -	Minchinhampton.
	41	2	Trigonia Moretonis - -	" -	Great Taw, Chipping Norton.
	42	2	" - - - -	" -	Northampton.
	43	1	Corbis - - - - -	" -	S side of Northleach.
	44	3	Lucina Bellona - - -	" -	" "

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIV.	45	3	Lucina Bellona - - -	Great Oolite	Stamford.
	46	1	" " - - -	" -	1 mile S. of Stonesfield.
	47	2	" " - - -	" -	Birds Nest Quarry, Burford.
	48	1	Astarte depressa - - -	" -	Upper Norton, 3 miles S. W. of Deddington.
	49	3	" - - - - -	" -	Aldsworth, near Northleach.
	50	1	Pholadomya - - - -	" -	2 miles N. W. of Horsely, near Stroud.
	51	1	" - - - -	" -	Stamford.
	52	1	Ceromya - - - -	" -	Minchinhampton.
XV.	1	3	Cylindrites cuspidatus - -	" -	Near Stinchcombe Hill.
	2	1	Pleurotomaria - - -	" -	" "
	3	1	Trochotoma - - - -	" -	" "
	4	1	Patella rugusa - - -	" -	Minchinhampton.
	5	1	Alaria - - - - -	" -	Near Stinchcombe Hill.
	6	4	Natica - - - - -	" -	S. side of Northleach.
	7	2	" - - - - -	" -	3 m. S. W. of Banbury.
	8	4	" - - - - -	" -	Bird's Nest Quarry, Burford.
XVIII	1	3	Terebratula maxillata - -	Bradford Clay.	Box Tunnel.
	2	10	" " - -	" -	Bradford.
	3	6	" globata - -	" -	"
	4	11	" digona - -	" -	"
	5	4	" " - -	" -	Tetbury Railway Station.
	6	8	Rhynchonella obsoleta - -	" -	" "
	7	12	" " - -	" -	" "
	8	12	" concinna -	" -	Bradford.
	9	2	Avicula costata - - -	" -	Wiltshire.
	10	1	Modiola imbricata [1] - -	" -	"
	11	3	Lithodomus inclusus [1] - -	" -	"
	12	3	Terebratula maxillata - -	Forest Marble.	Corsham.
	13	2	" " - -	" -	Pickwick, Wilts.
	14	4	" intermedia -	" -	Lower Stanton.
	15	2	" " - -	" -	Railway Bridge, Chippenham.
	16	5	" " - -	" -	" "
	17	3	" obvata - -	" -	Lower Stanton.
	18	1	" digona - -	" -	Bradford.
	19	4	Rhynchonella obsoleta - -	" -	Orchardleigh.
	20	2	" Morieri - -	" -	Bothenhampton, near Bridport.
	21	1	" concinna -	" -	Railway Bridge, Chippenham.
	22	6	" - - -	" -	Corsham, Wiltshire.
	23	2	Ostrea - - - - -	" -	Railway Bridge, Chippenham.
	24	5	" [2] - - - -	" -	Lacock.
	25	3	" [3] - - - -	" -	Hinton Abbey.

[1] Presented by J. Wood, Esq. [2] Presented by J. Kilvert, Esq.
[3] Presented by S. P. Pratt, Esq.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Localit
XVIII	26	1	Ostrea - - - - -	Forest Marble.	Stanton.
	27	3	Pecten vagans - - -	" -	Butt's Quar Frome.
	28	1	" - - - - -	" -	Bothenhampt Bridport.
	29	1	" arcuatus - - -	" -	Stanton.
	30	1	" - - - - -	" -	Near Chippen
	31	7	Avicula echinata - - -	" -	Corsham, Mal
	32	3	Lima duplicata - - -	" -	Lower Stant penham.
	33	1	" " - - -	" -	"
	34	1	Lithodomus inclusus - -	" -	Rampisham.
	35	1	Modiola Lonsdalei - -	" -	Lower Stanto
	36	1	" imbricata [1] - -	" -	Hinton Abbey
	37	2	Tancredia - - - -	" -	Orchardleigh,
	38	1	Astarte - - - - -	" -	Pickwick Hill
XX.	1	15	Terebratula obovata - -	Cornbrash	Lower Stanto
	2	8	" " - -	" -	Frome, Some
	3	19	" " - -	" -	East Tatton, I
	4	1	" " - -	" -	West Chicker
	5	3	" " - -	" -	Between Buc pers and Ne
	6	3	" " - -	" -	Between Lan ring and We
	7	3	" " - -	" -	Frome.
	8	2	" " - -	" -	Lower Stan Chippenhan
	9	4	" " - -	" -	2 miles East
	10	8	" " - -	" -	Lower Stant penham.
	11	4	" " - -	" -	Rushden, N tonshire.
	12	14	" " - -	" -	Middle Sturc
	13	5	" " - -	" -	Lowdon, Chi
	14	4	" " - -	" -	Radipole.
	15	4	" " - -	" -	East Tatton.
	16	5	" " - -	" -	Abbotsbury.
	17	2	" ornithocephala -	" -	Withlington.
	18	1	" " -	" -	Near Chippe
	19	1	" " -	" -	Thorpe-a-ch
	20	5	" " -	" -	Malmsbury, 1, 2, 3, Litt ford.
	21	14	" " -	" -	Box Tunn sham.
	22	17	" " -	" -	"
	23	6	" " -	" -	Fairford.
	24	3	" intermedia -	" -	Stanton, Wil
	25	1	" " -	" -	Staunton, n penham.
	26	8	" " -	" -	Cutheridge Trowbridge

[1] Presented by S. P. Pratt, Esq.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XX.	27	11	Terebratula intermedia -	Cornbrash	West Chickerel, Dorset.
	28	3	" " -	" -	Draycot, Wiltshire.
	29	2	" " -	" -	Stanton, Wiltshire.
	30	4	" " -	" -	Langton Herring.
	31	6	" " -	" -	" "
				" -	Langport Lane, Woodstock.
	32	2	" " -		
	33	5	" " -	" -	Chippenham.
	34	3	" " -	" -	Cutheridge Farm, Trowbridge.
	35	9	" " -	" -	Box Tunnel.
	36	3	" " -	" -	Lower Stanton.
	37	7	" sublagenalis -	" -	Bayford, nr. Wincanton.
XXI.	1	15	Rhynchonella varians -	" -	Middle Stirchell.
	2	5	" concinna -	" -	Between Langton Herring and West Tatton.
	3	4	" " -	" -	" "
	4	4	" " -	" -	Abbotsbury, Dorset.
	5	1	" " -	" -	Lower Stanton.
	6	6	" " -	" -	East Tatton, Dorset.
	7	15	" " -	" -	Near Malmsbury.
	8	5	" " -	" -	Between Buckland Riper and Nettington.
	9	2	" " -	" -	Frome.
	10	7	" obsoleta -	" -	Langton Herring.
	11	2	" - - -	" -	Radipole.
	12	1	Ostrea Sowerbyi - -	" -	1 mile East of Thrapston, Northamptonshire.
	13	4	" acuminata - -	" -	Box Tunnel.
	14	1	" - -	" -	Staunton, near Chippenham.
	15	4	" - -	" -	Lower Stanton.
	16	1	Hinnites - - - -	" -	Thrapston Lodge, Northamptonshire.
	17	4	Pecten vagans - -	" -	Lower Stanton.
	18	1	" Michelensis - -	" -	1 mile East of Thrapston, Northamptonshire.
	19	1	" annulatus - - -	" -	Lower Stanton.
	20	9	Avicula echinata - - -	" -	Louden, Chippenham.
	21	5	" " - - -	" -	Frome.
	22	6	" " - - -	" -	"
	23	6	" " - - -	" -	East Tatton, Dorsetshire.
	24	3	" " - - -	" -	Near Chippenham.
	25	2	" costata - - -	" -	Box Tunnel.
	26	2	Gervillia acuta - - -	" -	1 mile East of Thrapston, Northamptonshire.
	27	3	Lima duplicata - - -	" -	Lower Stanton.
	28	2	" " - - -	" -	Lower Staunton, Chippenham.
	29	1	" " - - -	" -	Chippenham.
	30	3	" gibbosa - - -	" -	*a*, Corscombe. *b*, Roundhill. *e*, North Wincanton.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXI.	31	2	Modiola reniformis - -	Cornbrash	Near Wells.
	32	2	" - - - -	" -	Between B Ripers and N ton, Dorset.
	33	2	" - - - -	" -	East Tatton, shire.
	34	3	" - - - -	" -	Lower Stanton.
	35	1	Trigonia Scarburgensis -	" -	Thrapston Northampton
	36	4	" costata - - -	" -	Steeple Ashton
	37	1	" - - - -	" -	Cowbridge, bury.
	38	1	" - - - -	" -	" "
	39	3	Astarte - - - -	" -	Charlton, "
	40	7	" - - - - -	" -	Cowbridge, "
	41	1	Isocardia rostrata - - -	" -	Trowbridge, W
	42	5	" tenera - - -	" -	Langton Herri setshire.
	43	1	Pholadomya Phillipsi - -	" -	Thrapston Northampton
	44	1	" carinata - -	" -	Sapperton Tun
	45	1	Anatina plicatella - -	" -	Rushden, No tonshire.
	46	1	Myacites calceiformis - -	" -	1 mile East of Northampton
	47	9	" - - - -	" -	Langton Herri setshire.
	48	4	" - - - -	" -	Radipole.
				" -	West Chicker

Oolitic Series. (Wall Cases, 4 to 10 b.)

C.—LOWER OOLITE GROUP. Sect. III.
Wall Cases IV. to VIIa.

Case.	Tablet.	Specimen.	Name.	Formation.	Local
IV.				Sections 8, 9, 10.	
Shelf. I.	17	1	Ammonites obtusus - -	Lower Lias	Lyme Regis.
	18	1	" " - -	" -	" "
	19	1	" " - -	" -	" "
	20	1	" " - -	" -	" "
	21	1	" Conybeari - -	" -	Keynsham,

ase.	Tablet.	Specimen.	Name.	Formation.	Locality.
V.			SECTIONS 8, 9, 10,		
helf.					
I.	22	1	Ammonites Bucklandi -	Lower Lias	Lyme Regis.
	23	1	" stellaris - -	" -	" "
	24	1	" Dudressieri [1] -	" -	" "
	25	1	" Henleyii - -	" -	" "
	26	1	" Charmassi - -	" -	" "
	27	1	Mass of polished Ammonites	" -	Horfield, near Bristol.
	28	1	" Ammonites Birchii -	" -	Lyme Regis.
	29	1	Nautilus intermedius - -	" -	" "
	30	1	" " - -	" -	" "
	31	1	" " (section of) [1]	" -	" "
	32	1	" " " [1] -	" -	" "
	33	1	Bone bed (Coprolite bed) -	" -	Westbury-on-Severn.
	34	1	" " - -	" -	" "
	35	1	" " - -	" -	" "
	36	1	" " - -	" -	Charlton, near Lyme Regis.
I.	1	1	Araucarites peregrinus - -	" -	Lyme Regis.
	2	1	" " - -	" -	" "
	3	1	- - - - - -	" -	" "
	4	2	Naiadites acuminata and Cypris liassica.	" -	Bedminster, Bristol.
	5	5	" " " -	" -	" "
	6	3	" " " -	" -	Wainlode Cliff, near Gloucester.
	7	1	Otopteris obtusa - - -	" -	Near Bristol.
	8	1	Plant remains - - -	" -	Harbury Cutting.
	9	1	Spirillina infima - - -	" -	Wainlode Cliff.
	10	5	Thecocyathus rugosus - -	" -	Cheltenham.
	11	2	" " [2] - -	" -	Honey Borne Cutting.
	12	5	" " - -	" -	Cheltenham.
	13	1	" Moorii - -	" -	Aston Cutting.
	14	4	" " - -	" -	Bridgend.
	15	1	" " - -	" -	6 m. S. of Cowbridge.
	16	2	" sp. - - -	" -	Fenny Compton.
	17	1	Isastræa Haimii - - -	" -	Fladbury, Evesham.
	18	1	Extracrinus (Pentacrinus) briareus.	" -	Lyme Regis.
	19	1	" " - -	" -	" "
	20	4	" " - -	" -	Horfield.
	21	3	" " - - briareus.	" -	Kilsby Tunnel, Warwickshire.
	22	1	" " - -	" -	Charmouth.
	23	4	" lepidotus - -	" -	"
	24	4	Pentacrinus basaltiformis -	" -	Bridport.
	25	5	" " - -	" -	Lyme Regis.
	26	1	" " - -	" -	Frethern, Gloucestershire.
	27	11	" " - -	" -	" "
	28	8	" Goldfussi - -	" -	Mickleton Tunnel.
	29	1	" tuberculatus -	" -	Purton.
	30	7	" sp. - -	" -	Cheltenham.

[1] Presented by the Earl of Enniskillen. [2] Presented by — Tomes, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
IV. Shelf.			SECTIONS 8, 9, 10.		
II.	31	1	Acrosalenia minuta - -	Lower Lias	Lyme Regis.
	32	1	" " [1] - -	" -	Cheltenham.
	33	11	" " - -	" -	"
	34	1	" spines of - -	" -	Mickleton Tunnel.
	35	1	" " - -	" -	Vale of Gloucester
	36	1	Diadema - - - -	" -	Harbury Cutting, wickshire.
	37	1	Pseudodiadema lobatum -	" -	Lyme Regis.
	38	1	" " - -	" -	" "
	39	1	Hemipedina Bechei - -	" -	" "
	40	3	" " - -	" -	" "
	41	1	" Bowerbankii -	" -	" "
	42	1	" " - -	" -	" "
	43	1	" sp. - - -	" -	" "
	44	1	Cidaris Edwardsii (spines of)	" -	" "
	45	1	" " " -	" -	" "
	46	1	" sp. - - - -	" -	" "
	47	4	" " (spines of)	" -	" "
	48	1	" " - - - -	" -	Near Donnington pike.
	49	4	Serpula sp.[2] - - -	" -	Jericho Wood, Northern Railw
	50	1	" - - - - -	" -	Gloucester.
	51	3	" - - - - -	" -	Stonehouse.
	52	1	Fucoid - - - - -	" -	Lyme Regis.
	53	1	" - - - - -	" -	" "
III.	1	1	Estheria minuta[3] - - -	" -	Brown's Wood, Mo Baggot.
	2	3	" "[4] - - -	" -	Wainlode Cliff.
	3	1	" "[3] - - -	" -	Harbury Cutting.
	4	1	" "[3] - - -	" -	Cracombe.
	5	1	" "[3] - - -	" -	"
	6	2	" " - - - -	" -	Wooton Park.
	7	1	Cytherina[4] - - - -	" -	Near Down Hathe
	8	1	Eryon Barrovensis - -	" -	Barrow-on-Soar.
	9	2	" " - - -	" -	"
	10	1	" " - - -	" -	"
	11	1	" " - - -	" -	Lyme Regis.
	12	1	Scapheus ancylochiles - -	" -	" "
	13	1	" sp. - - - -	" -	" "
	14	1	" "[4] - - - -	" -	Near Tewkesbury
	15	2	Glyphea rostrata - - -	" -	Saltford, near Bat
	16	1	" Liassina - -	" -	Barrow-on-Soar.
	17	1	" sp. - - - -	" -	"
	18	3	" "[5] - - -	" -	Mickleton Tunnel
	19	1	" "[5] - - -	" -	" "
	20	3	Hoploparia[5] - - - -	" -	" "
	21	3	Orthophlebia communis[4] -	" -	Wainlode Cliff.
	22	1	" sp. (wing)[4] -	" -	Worcestershire.

[1] Presented by — Buckman, Esq. [2] Presented by T. Reynolds, Esq.
[3] " J. Kershaw, Esq. [4] " Rev. P. B. Brodie
[5] Presented by G. E. Gavey, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
IV.			SECTIONS 8, 9, 10.		
Shelf. III.	23	3	Laccophilus [1] - - -	Lower Lias	Gloucestershire.
	24	1	Buprestidæ or Elateridæ [1] -	" -	?
	25	2	Elytra [1] - - - - -	" -	Gloucestershire.
	26	1	" of Telephoridæ [1] - -	" -	?
	27	1	Small fly with attached wings [1]	" -	Gloucestershire.
	28	2	Wings of Neuropterous insect [1]	" -	Worcestershire.
	29	3	Insect remains [1] - - -	" -	Gloucestershire.
	30	1	Geoteuthis Bollensis - -	" -	Lyme Regis.
	31	1	" " - -	" -	" "
	32	1	" sp. - - -	" -	" "
	33	2	" " - - -	" -	" "
	34	1	" " - - -	" -	" "
	35	1	" " - - -	" -	" "
	36	1	" " - - -	" -	" "
	37	2	" " - - -	" -	" "
	38	1	" " (ink bag) -	" -	" "
	39	1	Belemnoteuthis (ink bag) [2] -	" -	East of Charmouth.
	40	3	Belemnites digitatus - -	" -	Cheltenham.
	41	1	" longissimus -	" -	Lyme Regis.
	42	2	" " - -	" -	" "
	43	1	" acutus [3] - -	" -	Hewlett's Road.
	44	4	" penicillatus [3] -	" -	Cheltenham.
	45	9	" acuarius [3] - -	" -	"
	46	5	" elongatus [4] - -	" -	Mickleton Tunnel.
	47	1	" " [5] - -	" -	Leicestershire.
	48	2	" " - -	" -	West of Seaton.
	49	2	" " - -	" -	" "
	50	1	" Bruguierii - -	" -	Lyme Regis.
	51	12	" clavatus - -	" -	Charmouth.
	52	11	" " - -	" -	Cheltenham.
	53	5	" " - -	" -	"
	54	1	" conocauda - -	" -	Lyme Regis.
	55	1	" sp. - - -	" -	" "
	56	1	" " - - -	" -	" "
	57	3	" " - - -	" -	" "
	58	7	" " - - -	" -	" "
	59	1	" " (ink bag) -	" -	" "
	60	5	" " - - -	" -	Cheltenham.
	1	4	Ammonites obtusus - -	" -	Lyme Regis.
	2	2	" " - -	" -	" "
	3	3	" " - -	" -	" "
	4	1	" " - -	" -	" "
	5	1	" " polished section.	" -	" "
	6	2	" Dudressieri - -	" -	" "
	7	1	" Brookii - -	" -	" "
	8	1	" " - -	" -	" "
	9	1	" " - -	" -	" "

[1] Presented by Rev. P. B. Brodie. [2] Presented by J. Rimington, Esq.
[3] " J. Buckman, Esq. [4] " G. E. Gavey, Esq.
[5] Presented by Sir R. I. Murchison.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
IV. Shelf.			SECTIONS 8, 9, 10.		
IV.	10	2	Ammonites angulatus - -	Lower Lias	Trethern, Gloucestershire.
	11	3	" " - -	" -	Harbury Cutting, Leamington.
	12	1	" Turneri - -	" -	Cheltenham.
	13	1	" Bucklandi - -	" -	Keynsham, near Bristol.
	14	1	" Conybeari - -	" -	Saltford.
	15	1	" " - -	" -	Bath.
	16	1	" oxynotus - -	" -	Stonehouse, near Gloucester.
	17	3	" " - -	" -	Lyme Regis.
	18	1	" " - -	" -	" "
	19	1	" " - -	" -	" "
	20	3	" " - -	" -	Cheltenham.
	21	1	" " - -	" -	"
	22	25	" " - -	" -	"
	23	2	" armatus - -	" -	Lyme Regis.
	24	1	" " - -	" -	" "
	25	3	" " - -	" -	" "
	26	1	" " - -	" -	" "
	27	1	" " var. densinodus.	" -	Honeybourne Cutting.
	28	3	" " " -	" -	Mickleton Tunnel.
	29	8	" " " -	" -	Marl Hill, Cheltenham.
	30	2	" " " -	" -	Cheltenham.
	31	1	" " " -	" -	Lyme Regis.
	32	7	" Carusensis - -	" -	Cheltenham.
	33	17	" Ziphus - -	" -	Marl Hill, Cheltenham.
	34	1	" Dudressieri - -	" -	Lyme Regis.
	35	1	" " - -	" -	" "
	36	1	" Birchii - -	" -	" "
	37	1	" " - -	" -	" "
	38	1	" " - -	" -	" "
	39	1	" " - -	" -	" "
	40	1	" " - -	" -	" "
	41	1	" " - -	" -	" "
	42	6	" planicostatus -	" -	Mickleton Tunnel.
	43	1	" " -	" -	Lyme Regis.
	44	2	" " -	" -	Kilsby Tunnel.
	45	1	" heterogenus -	" -	Lyme Regis.
	46	1	" " -	" -	" "
	47	2	" maculatus - -	" -	Hawsker Bottom, Whitby.
	48	1	" figulinus - -	" -	Lyme Regis.
	49	1	" Halecius - -	" -	Cheltenham.
V.	1	1	" Henleyi - -	" -	Lyme Regis.
	2	1	" " - -	" -	" "
	3	2	" " - -	" -	Stonehouse.
	4	1	" " - -	" -	Cheltenham.
	5	1	" " - -	" -	Lyme Regis.
	6	1	" " - -	" -	" "
	7	2	" Bechei - -	" -	" "
	8	1	" " - -	" -	" "
	9	1	" " - -	" -	" "

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
IV. Shelf. V.			SECTIONS 8, 9, 10.		
	10	1	Ammonites Bechei	Lower Lias	Lyme Regis.
	11	1	" forficatus	"	" "
	12	1	" "	"	" "
	13	1	" obliquatus	"	" "
	14	1	" "	"	" "
	15	1	" tortilis	"	" "
	16	2	" semicostatus	"	" "
	17	2	" "	"	Robin Hood's Bay, Yorkshire.
	18	1	" raricostatus	"	Lyme Regis.
	19	6	" "	"	" "
	20	5	" "	"	Cheltenham.
	21	1	" Sauzianus	"	Horfield, Bristol.
	22	12	" catenatus	"	Barrow-on-Soar.
	23	21	"	"	Marl Hill, Cheltenham.
	24	1	" aureus	"	Robin Hood's Bay, Yorkshire.
	25	1	" nodulosus	"	Marl Hill, Cheltenham.
	26	2	" planorbis	"	Watchet.
	27	1	" "	"	"
	28	2	" "	"	"
	29	5	" "	"	Robin Hood's Bay.
	30	2	" "	"	Pennarth.
	31	5	" Guibalianus	"	Marl Hill, Cheltenham.
	32	14	" lævigatus	"	Ashton Cutting.
	33	1	" Robinsoni	"	Robin Hood's Bay.
	34	2	" accipitris	"	Cheltenham.
	35	1	" Dennyi	"	Robin Hood's Bay.
	36	3	" trivialis	"	Near Whitby.
	37	3	Turrilites Coynarti	"	Marl Hill, Cheltenham.
	38	1	" "	"	" "
	39	4	Aptychus	"	Warwickshire.
	40	1	Nautilus semistriatus	"	Lyme Regis.
	41	1	" "	"	Jericho Wood, G.N.R.
	42	1	" intermedius	"	Rugby.
	43	1	" latidorsatus	"	Adderly, Shropshire.
	44	1	" striatus	"	Lyme Regis.
	45	1	" lineatus	"	" "
	46	1	" "	"	Near Bath.
	47	3	Rhyncolites acutus [1]	"	Lyme Regis.
V. Shelf. I.			SECTIONS 11, 12, 13.		
	1	1	Ammonites obtusus	Lower Lias	Lyme Regis.
	2	1	Lima gigantea	"	" "
	3	1	Ammonites Engelhardtii	Middle Lias	Near Winchcombe.
	4	1	" fimbriatus	"	Charmouth.
	5	1	" margaritatus	"	Down Cliffs, Seatown Dorset.
	6	1	" "	"	E. of Lyme Regis.
	7	1	" "	"	" "

[1] Presented by H. Harrison, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
V. Shelf.			SECTIONS 11, 12, 13.		
I.	8	1	Ammonites fimbriatus and spinatus.	Middle Lias	Near Radstock, Somerset.
	9	1	„ armatus - -	„ -	Birds Hill, Radstock
	10	1	Myacites, &c. - -	„ -	Yorkshire.
	11	1	Modiola scalprum [1] - -	„ -	
	12	1	Ammonites serpentinus -	Upper Lias	Stroud.
	13	1	„ Mulgravius - -	„ -	Near Banbury.
	14	1	„ Dorsetensis - -	Inf. Oolite	Sherborne.
	15	1	„ Parkinsoni - -	„ -	Half-way House, Yeo
	16	1	„ „ - -	„ -	Sheepslight.
	17	1	„ „ [2] - -	„ -	Near Bridport.
	18	1	„ Jurensis [2] - -	„ -	Dorsetshire.
	19	1	„ „ [2] - -	„ -	„
	20	1	„ Humphriesianus [3]	„ -	Dundry.
	21	1	„ „ [2]	„ -	„
	22	1	„ „ [2]	„ -	„
	23	1	„ Blagdeni [2] - -	„ -	
	24	1	„ - -	„ -	
	25	1	„ Brongniarti -	„ -	Dundry.
	26	1	„ Murchisonæ -	„ -	Dorsetshire.
	27	1	„ Tessonianus - -	„ -	Dundry.
	28	1	„ Sowerbyi, var. -	„ -	„
	29	1	„ Eudesianus - -	„ -	Sherborne.
	30	1	Nautilus polygonalis - -	„ -	Cheltenham.
	31	1	Astropecten Orion [5] - -	„ -	Yorkshire.
	32	1	„ „ [6] - -	„ -	„
	33	1	Ceromya Bajociana - -	„ -	Cheltenham.
II.	1	2	Wood [5] - - - - -	Middle Lias	Cleveland.
	2	8	Montlivaltia [6] - - -	„ -	Seatown and Charington.
	3	1	Serpula plicatilis - - -	„ -	Uley, Gloucestershire
	4	2	„ „ - - -	„ -	Bridport, Dorset.
	5	1	„ flaccida - - -	„ -	Stinchcombe Park Gloucestershire.
	6	1	„ capitata - - -	„ -	S. of Paulton, Somerset
	7	1	„ sp. - - -	„ -	Red Mile, Lincolnshire
	8	2	Ophioderma tenuibrachiata -	„ -	Down Cliff, Seatown
	9	1	„ Egertoni - -	„ -	„ „
	10	1	„ „ - -	„ -	„ „
	11	2	„ „ - -	„ -	„ „
	12	1	„ Milleri - -	„ -	Staithes, Yorkshire.
	13	1	„ „ [7] - -	„ -	„ „
	14	1	„ „ - -	„ -	Robin Hood's Bay.
	15	1	„ Gaveyi [8] - -	„ -	Mickleton Tunnel.
	16	1	Astropecten Hastingiæ [4] -	„ -	Yorkshire.
	17	1	Uraster Gaveyi [8] - - -	„ -	Mickleton Tunnel.

[1] Presented by the Rev. Mr. Baker.
[2] Presented by the Earl of Enniskillen.
[3] „ W. H. Baily, Esq.
[4] „ Marchioness of Hastings.
[5] „ Messrs. Bell, Brothers.
[6] „ J. Kershaw, Esq.
[7] „ G. Stokes, Esq.
[8] „ G. C. Gavey, Esq.

se.	Tablet.	Specimen.	Name.	Formation.	Locality.
			SECTIONS 11, 12, 13.		
elf.					
l.	18	4	Tropidaster pectinatus [1] -	Middle Lias	Mickleton Tunnel.
	19	5	Pentacrinus Johnstoni - -	" -	Charmouth.
	20	1	Eryon Barrovensis [2] - -	" -	Dumbleton.
	21	6	Belemnites Bruguieri - -	" -	37, 51, 15.
	22	4	" " - -	" -	5, 32.
	23	5	" elongatus - -	" -	S. of Paulton, Somerset.
	24	11	" " - -	" -	11, 17, 15, 21, 23.
	25	3	" acuarius? - -	" -	S. of Paulton, Somerset.
	26	3	" compressus -	" -	39.
	27	1	" sp. [3] - -	" -	Cleveland.
	28	2	" acutus - -	" -	7, 28.
	29	4	" pistilliformis -	" -	Dorsetshire.
	30	4	" Fournelianus -	" -	17, 36, 40, 45.
	31	2	Ammonites margaritatus -	" -	Seatown, nr. Chidcock.
	32	1	" " -	" -	Near Lyme Regis.
	33	5	" " -	" -	Thorn Coffin.
	34	1	" " [4] -	" -	Down Cliffs.
	35	2	" " [5] -	" -	Near Hawsker.
	36	2	" " -	" -	Dumbleton, near Cheltenham.
	37	1	" Engelhardtii -	" -	Gretton Hill.
	38	6	" spinatus - -	" -	5, 29.
	39	2	" Valdani, var. of spinatus.	" -	5.
	40	2	" spinatus - -	" -	Dumbleton, near Cheltenham.
I.	1	6	" Maugenistii -	" -	S. of Paulton, Somerset.
	2	3	" Boblayei - -	" -	" "
	3	4	" - - - -	" -	Huish Farm, Radstock.
	4	2	" fimbriatus - -	" -	S. of Paulton, Somerset.
	5	1	" " - -	" -	"
	6	1	" " - -	" -	Lyme Regis.
	7	1	" " - -	" -	Golden Cap, Charmouth.
	8	1	" " - -	" -	Roxham, near Banbury.
	9	1	" " - -	" -	Near Lyme Regis.
	10	1	" capricornis -	" -	Charmouth.
	11	1	" Davæi - -	" -	"
	12	1	" semicostatus -	" -	Red Mile, and Granham, Lincolnshire.
	13	2	" " -	" -	Clandown, Radstock.
	14	3	" complanatus -	" -	Loc. 10, 40.
	15	2	" Loscombii -	" -	Golden Cap, Dorsetshire
	16	1	" " - -	" -	Lyme Regis.
	17	3	" hybridus - -	" -	Stow-on-the-Wold.
	18	1	" vittatus - -	" -	Whitby.
	19	8	Ancyloceras - - -	" -	S. of Paulton Somerset.

[1] Presented by G. C. Gavey, Esq. [2] Presented by Dr. Melville.
[3] " Messrs. Bell, Brothers. [4] " the Earl of Enniskillen.
[5] Presented by R. Etheridge, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
			SECTIONS 11, 12, 13.		
V. Shelf. III.	20	1	Nautilus intermedius - -	Upper Lias	Rugby.
	21	2	" " - -	" -	Loc. 9, 13.
	22	1	" inornatus - -	" -	
	23	1	" semistriatus - -	" -	Stinchcombe Park.
	24	1	Pentacrinus gracilis - -	Upper Lias	Whitby.
	25	6	Insect remains [1] - - -	" -	Strenshaw.
	26	4	" " Neuroptera [1] -	" -	Dumbleton.
	27	1	" " Cimicidæ [1] -	" -	"
	28	2	Belemnites acutus [2] - -	" -	Grantham, G. N. Railway Station.
	29	2	" " - -	" -	Eydon, Northamptonshire.
	30	9	" elongatus - -	" -	Loc. 39, 51, 57.
	31	1	" " (Phragmacone)	" -	Cheltenham.
	32	1	" " [3] - -	" -	Whitby.
	33	1	" " [3] - -	" -	Sandsend, near Whitby.
	34	1	" tubularis (acuarius)	" -	Whitby.
	35	1	" " - -	" -	"
	36	9	" compressus - -	" -	Loc. 21, 22, 39, 56, 57.
	37	3	" Bruguieri? - -	" -	Burrington, Dorsetshire.
	38	1	Ink bag of Cuttle Fish [4] -	" -	Dumbleton.
	39	1	Hooklets of Geoteuthis [5] -	" -	"
	40	1	Hooks of " [5] -	" -	"
IV.	1	1	Ammonites serpentinus -	" -	Oxenden Magna.
	2	1	" " -	" -	" "
	3	3	" " [6] -	" -	Horncastle, Lincolnshire.
	4	16	" Thouarsensis -	" -	No. 4, 15, 30, 23, 31, 32, 5.
	5	1	" Normanianus -	" -	57.
	6	2	" impendens -	" -	Whitby.
	7	3	" " - -	" -	"
	8	1	" variabilis - -	" -	Frocester Hill, near Gloucester.
	9	1	" Moorei - -	" -	" "
	10	1	" radians - -	" -	" "
	11	1	" falcifer [7] - -	" -	Whitby.
	12	3	" striatulus - -	" -	Peak, do.
	13	1	" Lythensis - -	" -	Whitby.
	14	15	" solaris? - -	" -	4, 7, 28, 31, 39.
	15	1	" candidus [7] - -	" -	Whitby.
	16	8	" bifrons - -	" -	4, 28, 39.
	17	2	" " - -	" -	Ilminster.
	18	3	" " - -	" -	Whitby.
	19	1	" " [8] - -	" -	Stamford.
	20	1	" " - -	" -	Whitby.
	21	1	" Aalensis - -	" -	Frocester Hill.

[1] Presented by J. Buckman, Esq.
[2] Presented by G. J. Lowe, Esq.
[3] " J. Mushet, Esq.
[4] " J. C. Gavey, Esq.
[5] " Miss Holland.
[6] " Mr. Rosser.
[7] " the Earl of Enniskillen.
[8] " J. Lumley, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
V. Shelf. IV.			SECTIONS 11, 12, 13.		
	22	2	Ammonites opalinus - -	Upper Lias	Melton.
	23	3	" elegans - -	" -	Black Rock, Whitby.
	24	2	" annulatus - -	" -	Whitby.
	25	2	" " - -	" -	Ilminster.
	26	1	" communis -	" -	Whitby.
	27	1	" " var. -	" -	"
	28	2	" " - -	" -	"
	29	1	" Bollensis - -	" -	"
	30	1	" crassus - -	" -	Ilminster.
	31	1	" " - -	" -	"
	32	1	" " - -	" -	"
	33	3	" " - -	" -	Whitby.
	34	7	" Desplacii - -	" -	24, 28, 30, 32, 57.
	35	1	" fibulatus [1] - -	" -	Holderness.
	36	1	" " [2] - -	" -	Whitby.
	37	1	" Holandrei - -	" -	Eydon, Northamptonshire.
	38	1	" Raquinianus [2] -	" -	Whitby.
	39	1	" " [3] -	" -	Leicestershire.
	40	1	" " -	" -	Near Stowe.
	41	2	" " -	" -	Nailsworth, Stroud.
	42	1	" - - - -	" -	Whitby.
	43	1	" insignis [4] - -	" -	Nailsworth.
	44	2	" Grenouillouxi -	" -	4, 28.
	45	1	" Cornucopia? -	" -	Whitby.
	46	1	" heterophyllus [5] -	" -	"
	47	1	" " [2] -	" -	"
	48	1	Aptychus [6] - - - -	" -	Ilminster.
V.	1	1	Zamiostrobus (cast of the fruit) [7]	Inf. Oolite -	Bruton, Somersetshire.
	2	1	Isastrea tenuistriata - -	" -	Dundry, "
	3	1	" - - - -	" -	Sapperton Tunnel.
	4	1	Thamnastrea Defrancii -	" -	Dundry.
	5	1	" fungiformis -	" -	"
	6	1	" - - - -	" -	"
	7	4	Montlivaltia Delabechii -	" -	Sherborne.
	8	1	" " - -	" -	Luckington.
	9	2	" " - -	" -	Cheltenham.
	10	2	Thecosmilia gregaria - -	" -	Dundry.
	11	2	" " - -	" -	"
	12	5	Discocyathus Eudesi - -	" -	5, 63, 66.
	13	3	Turbinolia Magnevilliana -	" -	Burton.
	14	6	Anabacia - - - -	" -	95, 96, 98, 107.
	15	4	Pentacrinus Milleri - -	" -	Dundry.
	16	2	" cingulatus -	" -	21, 62.
	17	33	" - - - -	" -	Leckhampton.
	18	7	Acrosalenia Lycettii - -	" -	Birdlip and Crickley Hill
	19	1	" " - -	" -	Crickley Hill.

[1] Presented by W. Reynolds, Esq.
[2] Presented by the Earl of Enniskillen.
[3] " Lady Exeter.
[4] " R. Etheridge, Esq.
[5] " Prof. Tennant.
[6] " C. Moore, Esq.
[7] Presented by Lord Talbot de Malahide.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
V.			SECTIONS 11, 12, 13.		
Shelf. V.	20	5	Acrosalenia armata? - -	Inf. Oolite	Castle Carey.
	21	1	„ spinosa - -	„ -	Hadspen House.
	22	8	Cidaris Fowleri - - -	„ -	Crickley Hill, Chel- ham.
	23	1	„ Wrightii - - -	„ -	„ „ „
	24	1	„ confluens - -	„ -	Sunny Hill Ho- Frome.
	25	1	„ Bouchardii - -	„ -	Crickley Hill, Chel- ham.
	26	4	„ „ - -	„ -	„ „
	27	2	Hemicidaris granulosa - -	„ -	Dundry.
	28	3	Hemipedina perforata - -	„ -	Crickley Hill, Chel- ham.
	29	1	Pseudodiadema depressum -	„ -	Andoversford.
	30	2	„ „ -	„ -	Crickley Hill.
	31	1	„ pentagonum	„ -	Pickwick, Wilts.
	32	7	Diadema depressum - -	„ -	Crickley Hill.
	33	2	„ „ - -	„ -	? „ „
	34	2	Stomechinus germinans [1] -	„ -	Birdlip, Cheltenhar
	35	7	„ „ -	„ -	13, 56.
	36	5	„ „ -	„ -	Andoversford.
	37	2	„ „ var. Forbesii	„ -	Huddingknoll Hi- Cheltenham.
	38	1	„ intermedia -	„ -	Andoversford.
	39	1	Pedina rotata - - -	„ -	Cheltenham.
	40	2	„ - - - -	„ -	Crickley Hill, Chel- ham.
	41	1	PolycyphusDeslongschampsii	„ -	Dundry.
	42	1	Arbacia Forbesii - - -	„ -	Dorsetshire.
	43	16	Collyrites ringens, var. Eudesii	„ -	Bridport, Dorsetsh
	44	3	„ „ - - -	„ -	Dorsetshire.
	45	3	„ ovalis - - -	„ -	Various Localities.
	46	19	Holectypus hemisphæricus -	„ -	„ „
	47	9	„ „ -	„ -	Dunnington, Ilmin
	48	2	„ „ -	„ -	84, 87, 98, 100.
	49	9	„ depressus - -	„ -	Cheltenham.
	50	2	„ „ - -	„ -	Fawler, nr. Woods
	51	2	„ „ - -	„ -	Various Localities.
	52	10	Echinobrissus clunicularis -	„ -	Minchinhampton.
	53	1	„ Solodurinus -	„ -	Crickley Hill.
	54	2	Hyboclypus caudatus - -	„ -	Dorsetshire.
	55	2	„ gibberulus -	„ -	Yeovil.
	56	1	Galeopygus agariciformis -	„ -	High Piece Qu- near Cheltenham.
	57	4	„ „ -	„ -	Crickley Hill, „
	58	5	„ „ -	„ -	Birdlip Hill, „
	59	1	„ „ -	„ -	Wellingborough.
	60	1	„ „ [2] -	„ -	70.
	61	1	Clypeus Hugii - - -	„ -	Bridport, Dorsetsh
	62	2	„ „ - - -	„ -	Walls Quarry, Brinscombe.
	63	1	„ Michelinii - -	„ -	

[1] Presented by J. Lowry, Esq. [2] Presented by — Garby, Esq.

se.	Tablet.	Specimen.	Name.	Formation.	Locality.
			SECTIONS 11, 12, 13.		
elf.	64	1	Clypeus Michelinii - -	Inf. Oolite	Stroud.
	65	3	" Agassizii - - -	" -	75, 106, 81, 14.
	66	1	" Plotii - - -	" -	Near Cheltenham.
	67	1	" " - - -	" -	Crickley Hill, "
	68	1	" " - - -	" -	Cheltenham.
	69	1	" Wrightii - - -	" -	Minchinhampton.
	70	13	Pygaster semisulcatus - -	" -	Crickley Hill, Cheltenham.
	71	4	" " - -	" -	Leckhampton, Cheltenham.
	72	2	" " - -	" -	Crickley Hill, Cheltenham.
	73	1	" " - -	" -	" "
	74	3	Serpula sexangularis - -	" -	91, 97.
	75	11	" angulata - - -	" -	6, 7, 73, 84, 86, 94, 101.
	76	3	" limax - - -	" -	7, 86, 42.
	77	2	" flaccida - - -	" -	78, 101.
	78	1	" socialis - - -	" -	CleeveHill,Cheltenham.
	79	1	" " - - -	" -	" "
	80	2	" deplexa - - -	" -	? ?
	81	2	" volubilis - - -	" -	? ?
	82	1	" - - - -	" -	? ?
	83	2	" bicordatus - -	" -	? ?
	84	1	" - - - -	" -	Dundry.
	85	6	Glyphea rostrata [1] - -	" -	Scarborough.
	86	1	" sp. - - -	" -	Denton, nr. Grantham.
	87	1	Cricopora tetragona - -	" -	Hadspen House, near Castle Carey.
	88	3	" diadema - -	" -	Washbrook.
	89	1	" sp. - - -	" -	Dudley Hill, nr. Winchcombe.
	90	1	" " - - -	" -	Leckhampton.
	91	2	" " [2] - - -	" -	Cleeve Hill.
	92	1	Diastopora foliacea - -	" -	Whatley, near Frome.
	93	2	" sp. [2] - - -	" -	Cleeve Hill.
VI.	1	8	Belemnites sulcatus - -	" -	38, 79.
	2	8	" ellipticus - -	" -	64, 72, 85, 95, 106.
	3	13	" Blainvillii - -	" -	4, 12, 34, 56, &c.
	4	2	" compressus ? -	" -	59.
	5	1	" " -	" -	Scarborough.
	6	1	" " -	" -	Frocester Hill.
	7	1	" abbreviatus -	" -	Cheltenham.
	8	10	" " - -	" -	22, 72, 64.
	9	7	" " - -	" -	17, 105, 106, 107, 109.
	10	1	" Bruguierianus -	" -	Scarborough.
	11	2	" sp. - - -	" -	East Cliff, Bridport Harbour.
	12	5	" Fournelianus -	" -	1, 100, 105, 106, 111.
	13	1	Ammonites Brongniartii -	" -	Dundry, near Bristol.
	14	1	" " [3] - -	" -	" "

[1] Presented by the Marchioness of Hastings. [2] Presented by the Rev. P. B. Brodie.
[3] Presented by the Earl of Enniskillen.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
V. Shelf. VI.			SECTIONS 11, 12, 13.		
	15	1	Ammonites Brongniartii -	Inf. Oolite -	Dundry, near Br[redacted]sto
	16	1	" Gervillii - -	" -	" "
	17	1	" " - -	" -	" "
	18	15	" Brocchii - -	" -	6, 7, 14, 51, 63.
	19	5	" " - -	" -	Dundry.
	20	3	" Sauzei - -	" -	"
	21	1	" Humphriesianus	" -	Bridport, Dorset.
	22	4	" " -	" -	Dundry, &c.
	23	6	" polymorphus -	" -	5, 7, 55, 56.
	24	1	" Martinsii - -	" -	Sherborne.
	25	1	" " - -	" -	Bridport.
	26	1	" Linneanus -	" -	Burton, Bradstoc[redacted]k.
	27	2	" Garantianus -	" -	Near Castle Care[redacted]y.
	28	1	" Parkinsoni -	" -	Yeovil, Somerset[redacted].
	29	1	" " - -	" -	" "
	30	1	" " - -	" -	Bridport.
	31	1	" " - -	" -	Bridport, Dorset.
	32	1	" Sowerbyi - -	" -	Dorsetshire(Sher[redacted]orn
	33	1	" " - -	" -	Dundry, Bristol.
	34	1	" " - -	" -	Mapperton, Dors[redacted]et.
	35	2	" insignis - -	" -	Gloucestershire.
	36	1	" Edouardianus -	" -	Broad Windsor.
	37	2	" zigzag - -	" -	West of Beamins[redacted]ter.
	38	3	" Caumontii - -	" -	10, 63.
	39	3	" Defrancii - -	" -	46, 55.
	40	1	" Eudesianus -	" -	Leckhampton.
	41	1	" Murchisoniæ -	" -	Broad Windsor, Dor[redacted]shire.
	42	2	" " -	" -	Dundry.
	43	1	" " -	" -	Broad Windsor.
	44	4	" concavus - -	" -	Dundry.
	45	7	" subradiatus -	" -	5, 7, 9, 46, 59.
	46	1	" " - -	" -	Dundry.
	47	3	" Truellii - -	" -	Bradford Abbas.
	48	1	" " - -	" -	" "
	49	1	" ooliticus - -	" -	Bridport.
	50	2	Ancyloceras annulatum -	" -	5, 10.
	51	1	" " - -	" -	52.
	52	1	Nautilus polygonalis - -	" -	Compton.
	53	7	" " [1] -	" -	1, 6, 10, 38, 77.
	54	2	" lineatus - - -	" -	Dundry.
	55	1	" " - -	" -	"
	56	2	" clausus [1] - -	" -	Greenland, Dors[redacted]
	57	4	" truncatus - -	" -	5, 38, 50.
	58	1	" excavatus [1] - -	" -	Dundry.
VI. Shelf. I.			SECTIONS 14, 15, 16.		
	1	1	Terebratula ornithocephala -	Fullers Earth.	Loc. 1.
	2	1	Plant Remains [1] - - -	Stonesfield Slate.	Stonesfield.

[1] Presented by the Earl of Enniskillen. [2] Presented by Lord A. Churchill.

se.	Tablet.	Specimen.	Name.	Formation.	Locality.
l. elf.			SECTIONS 14, 15, 16.		
	3	1	Plant Remains [1] - - -	Stonesfield Slate.	Stonesfield.
	4	1	Thuytes expansus [1] - -	" -	"
	5	1	Slab containing Trigonia impressa.	" -	"
	6	1	Worm Tracks - - -	" -	Eyeford, near Cheltenham.
	7	1	Calamophyllia radiata [2] -	Great Oolite	Cirencester.
	8	1	Isastrea explanata [3] - -	" -	Wollaston, Northampton.
	9	1	Apiocrinus Parkinsoni - -	" -	Bradford.
	10	1	Pinna ampla - - -	" -	Minchinhampton.
	11	1	Mass containing numerous shells (Root bed).	" -	Essendine.
	12	1	Nautilus Baberi - - -	" -	Abingdon Lodge, Northampton.
	13	1	Pentacrinus, sp. - - -	Forest Marble.	Garsdon Mill, Malmesbury.
	14	1	" " - -	" -	Farleigh, near Bath.
	15	1	Acrosalenia hemicidaroides -	" -	Near Chippenham.
	16	1	" pustulata -	" -	Malmesbury.
	17	1	Phragmacone of Belemnite -	Kellaways Rock.	Chippenham.
	18	1	Belemnites Owenii [4] - -	" -	Scarborough.
	19	1	Ammonites tumidus - -	" -	Kellaway's.
	20	1	" cordatus [4] -	" -	Near Chippenham.
	21	1	" lenticularis [4] -	" -	Kellaways.
	22	1	" modiolaris -	" -	"
	23	1	" sublævis - -	" -	"
	24	1	" " - -	" -	"
	25	1	" sp. - -	" -	Scarborough.
	26	1	Ancyloceras Callovicense	" -	Chippenham.
	1	7	Belemnites Blainvillii - -	Fuller's Earth.	Lamyatt Beacon.
	2	9	" sulcatus - -	" -	12, 15, 23, 24.
	3	7	" abbreviatus -	" -	26, 36, 38.
	4	7	Ammonites Gervillii - -	" -	1, 15, 19.
	5	7	Holectypus depressus - -	" -	Stroud.
	6	1	Pygurus Michelini - -	" -	"
	7	1	Echinobrissus clunicularis -	" -	"
	8	2	Palæozamia pectinata - -	Stonesfield Slate.	Stonesfield.
	9	1	" " - -	" -	"
	10	1	Thuytes expansus [6] - -	" -	"
	11	1	" " [1] - -	" -	"
	12	2	" " [6] - -	" -	"
	13	1	" " [1] - -	" -	"
	14	4	Carpolithes [1 & 6] - -	" -	"
	15	3	Elytra of Coleoptera [6] -	" -	"

[1] Presented by Lord A. Churchill.
[2] Presented by — Buckman, Esq.
[3] " the Rev. A. W. Griesbach.
[4] " — Lowe, Esq.
[5] " the Earl of Enniskillen.
[6] " Marchioness of Hastings.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
VI. Shelf. II.			SECTIONS 14, 15, 16.		
	16	1	Elytra of Coleoptera -	Stonesfield Slate.	Stonesfield.
	17	1	Glyphea rostrata [1] - -	" -	"
	18	1	" " [1] - -	" -	"
	19	1	" " [2] - -	" -	"
	20	2	Belemnites fusiformis [3] -	" -	"
	21	1	" " - -	" -	"
	22	1	Ammonites hecticus [4] -	" -	"
	23	1	Nautilus, sp. - - -	" -	"
	24	1	Cone - - - - -	Great Oolite	Minchinhampton.
	25	3	Anabacia orbulites - -	" -	"
	26	4	" " [5] - -	" -	Coombe Down, Bath.
	27	1	Calamophyllia radiata [5] -	" -	" " "
	28	1	" " -	" -	" " "
	29	1	" - - -	" -	Bath.
	30	1	Isastrea explanulata [5] -	" -	Coombe Down, Bath.
	31	1	" limitata [5] - -	" -	" " "
	32	1	" " var. [5] -	" -	" " "
	33	1	" " - -	" -	Stonesfield.
	34	5	" - - - -	" -	Minchinhampton.
	35	1	Thamnastrea mammosa [5] -	" -	Coombe Down, Bath.
	36	3	" Lyelli - - -	" -	Enslow Bridge, Woodstock.
	37	1	" - - - -	" -	Minchinhampton.
	38	1	Cyathophora Prattii [5] - -	" -	Coombe Down, Bath.
	39	1	" " - -	" -	Stonesfield.
	40	1	" " - -	" -	Minchinhampton.
	41	1	Stylina solida " - -	" -	? ?
	42	3	Montlivaltia Smithii [5] - -	" -	Coombe Down.
	43	1	" trochoides -	" -	Mapperton.
	44	1	" Waterhousii -	" -	Minchinhampton.
	45	4	Echinobrissus clunicularis -	" -	"
	46	4	" " -	" -	Cirencester.
	47	1	" sinuatus -	" -	Near Andoversford.
	48	1	" " -	" -	Enslow Bridge, Woodstock.
	49	9	" Griesbachii -	" -	Blisworth, Northampton.
	50	1	" Solodurinus -	" -	Andoversford.
	51	4	Acrosalenia hemicidaroides -	" -	Minchinhampton and Burford.
	52	2	" Lycettii - -	" -	Culworth and Blisworth, Northamptonshire.
	53	2	" radiata - -	" -	Minchinhampton.
	54	2	" sp. - -	" -	"
	55	3	" " - -	" -	Bath.
	56	2	Hemicidaris Wrightii - -	" -	Stowe, Northamptonshire.
	57	6	Cidaris, sp. - - - -	" -	Minchinhampton.

[1] Presented by the Rev. — Baker.
[2] Presented by Marchioness of Hastings.
[3] " Lord A. Churchill.
[4] " Earl of Enniskillen.
[5] Presented by S. P. Pratt, Esq.

ase.	Tablet.	Specimen.	Name.	Formation.	Locality.
I. elf.			SECTIONS 14, 15, 16.		
I.	58	1	Ophioderma Griesbachii [1] -	Great Oolite	Oundle, Northamptonshire.
	59	1	Pagurus? platycheles - -	" -	Minchinhampton.
	60	1	Belemnites giganteus - -	" -	Scarborough.
	61	1	" " - -	" -	"
	62	2	" fusiformis - -	" -	Minchinhampton.
	63	2	" Bessinus - -	" -	"
	64	2	" " - -	" -	"
	65	1	Ammonites subcontractus -	" -	"
	66	1	" " - -	" -	"
	67	1	" macrocephalus -	" -	"
	68	1	Nautilus Baberi - - -	" -	"
	69	1	" subtruncatus - -	" -	"
I.	1	4	Anabacia orbulites [2] - -	Bradford Clay.	Bradford.
	2	3	Serpula tetragona - -	" -	"
	3	5	" " [2] - -	" -	"
	4	1	" " - -	" -	"
	5	1	Cellepora - - - -	" -	"
	6	4	" [2] - - - -	" -	"
	7	6	Terebellaria ramosissima -	" -	Box Tunnel.
	8	3	" [2] - - -	" -	Bradford.
	9	9	Millepora - - -	" -	" and Box tunnel.
	10	1	Apiocrinus Parkinsoni - -	" -	"
	11	5	" " - -	" -	"
	12	2	" " [3] - -	" -	"
	13	3	" " - -	" -	"
	14	2	" " [2] - -	" -	"
	15	1	" " - -	" -	"
	16	4	" " - -	" -	"
	17	3	" " - -	" -	"
	18	1	" " - -	" -	"
	19	1	" " - -	" -	"
	20	2	" rotundus - -	" -	"
	21	2	" elegans - -	" -	"
	22	2	" " - -	" -	"
	23	1	" " - -	" -	"
	24	2	" " - -	" -	"
	25	1	" " - -	" -	"
	26	6	Pentacrinites [2] - -	" -	"
	27	1	Echinobrissus clunicularis [2] -	" -	"
	28	4	Acrosalenia spinosa - -	" -	"
	29	9	Cidaris [2] - - - -	" -	"
	30	4	" [2] - - - -	" -	"
	31	6	" [2] - - - -	" -	"
	32	3	Belemnites Blainvillii [2] -	" -	"
V.	1	1	Echinobrissus clunicularis -	Forest Marble.	Bath.
	2	2	" " [4] -	" -	Hinton Abbey.

[1] Presented by Prof. J. Morris.
[2] Presented by — Purdie, Esq.
[3] " the Earl of Enniskillen.
[4] " S. P. Pratt, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
VI. Shelf. IV.			SECTIONS 14, 15, 16.		
	3	2	Echinobrissus clunicularis -	Forest Marble.	Stanton.
	4	4	" " -	" -	Lower Stanton.
	5	1	" " -	" -	" "
	6	1	Pygaster Morrisii - -	" -	Stanton, Wiltsh
	7	1	Holectypus depressus - -	" -	Corsham, Wilts
	8	1	" " [1] - -	" -	Hinton Abbey.
	9	2	" " - -	" -	Lower Stanton.
	10	1	Stomechinus germinans -	" -	Wiltshire.
	11	8	" gyratus - -	" -	"
	12	1	Acrosalenia hemicidaroides -	" -	Chippenham.
	13	1	" " -	" -	"
	14	2	" " -	" -	Stanton, Wiltsh
	15	1	" " -	" -	Malmsbury.
	16	1	" " -	" -	"
	17	1	" " -	" -	"
	18	3	" " -	" -	Hinton Abbey
	19	5	" " -	" -	Near Chippenha
	20	1	" " -	" -	Pickwick, Wilts
	21	1	" pustulata -	" -	" "
	22	2	" " -	" -	" "
	23	8	" " -	" -	Hinton and D Wilts.
	24	2	" " -	" -	Malmsbury.
	25	1	" " -	"	Hinton and Dra
	26	1	" Wiltonii [2] -	" -	Hinton Abbey.
	27	1	" " -	" -	Near Sudboroug
	28	1	" spinosa [1] -	" -	Hinton Abbey.
	29	3	" " -	" -	Lower Stanton.
	30	1	" Lycettii -	" -	" "
	31	1	Hemicidaris pustulosa -	" -	Corsham, Wiltsl
	32	1	" Wrightii -	" -	Pickwick, Wiltsl
	33	17	" - - - -	" -	Chippenham.
	34	2	Pseudodiadema depressum -	" -	Stanton, Wilts.
	35	3	" - - -	" -	Lacocks, Wilts.
	36	1	Polycyphus Normannus -	" -	Pickwick, Wilts
	37	1	Solaster Moretonis [3] - -	" -	Windrush, Glou shire.
	38	4	Pentacrinus Prattii - -	" -	Malmesbury.
	39	16	" Milleri - -	" -	Corsham.
	40	2	" - - - -	" -	Near Chippenha
	41	6	" - - - -	" -	Hilton Abbey.
	42	1	Serpula deplexa - - -	" -	Malmesbury.
	43	1	" - - - -	" -	Chippenham.
	44	2	" - - - -	" -	Lower Stanton.
	45	1	" - - - -	" -	" "
	46	1	" - - - -	" -	Chippenham.
	47	1	Cricopora straminea - -	" -	Malmsbury.
	48	1	Ammonites Bakeriæ - -	" -	Bourton.

[1] Presented by S. P. Pratt, Esq. [2] Presented by D. Lucas, Esq.
[3] Presented by Lord Morton.

e.	Tablet.	Specimen.	Name.	Formation.	Locality.
			SECTIONS 14, 15, 16.		
elf.	1	11	Anabacia orbulites - -	Cornbrash	Stoney Stoke and various loc.
	2	1	Isastræa limitata [1] - -	" -	Fairford.
	3	1	" explanata [1] - -	" -	"
	4	3	" " [1] - -	" -	"
	5	1	Thamnastrea Lyellii - -	" -	"
	6	1	" arachnoides [1] -	" -	"
	7	2	Convexastrea Waltoni [1] -	" -	"
	8	1	Cladophyllia Conybearii [1] -	" -	"
	9	3	Thecosmilia annularis [1] - -	" -	"
	10	3	Cyathophora Prattii [1] - -	" -	"
	11	10	Echinobrissus clunicularis -	" -	Chippenham.
	12	9	" " -	" -	"
	13	5	" " -	" -	"
	14	11	" " -	" -	Between Swyre and Cogden.
	15	1	" " -	" -	Rushden.
	16	1	" " -	" -	Islip, Northamptonshire.
	17	1	" " -	" -	Dorsetshire.
	18	1	" orbicularis -	" -	Rushden.
	19	8	" " -	" -	Thrapstone.
	20	1	" Agassizil -	" -	Oldford Hill.
	21	1	" Mulleri - -	" -	Langham, Frome.
	22	3	Holectypus depressus - -	" -	Trowbridge.
	23	5	" " - -	" -	Stanton, Chippenham.
	24	1	" " - -	" -	Wincanton and Oldford.
	25	1	" " - -	" -	Chippenham.
	26	1	" " [2] - -	" -	Rushden.
	27	2	" - - -	" -	Holt Hill, Milborne Port.
	28	3	Pygurus Michelini - -	" -	Between Swyre and Cogden.
	29	4	Acrosalenia hemicidaroides -	" -	Chippenham.
	30	2	" " -	" -	Oldford Hill, &c.
	31	1	" " -	" -	Near Wincanton.
	32	15	" spinosa - -	" -	Chippenham.
	33	5	" " - -	" -	Sapperton Tunnel.
	34	5	" " - -	" -	Sutton.
	35	1	" " - -	" -	Kilmarton.
	36	5	" pustulata - -	" -	Draycot, near Chippenham.
	37	1	" " - -	" -	" "
	38	3	" " - -	" -	Chippenham.
	39	1	" Wiltoni - -	" -	Witney.
	40	2	" " - -	" -	Sutton.
	41	1	" lævis - -	" -	Near Rhyme.
	42	2	" - -	" -	Malmesbury.
	43	1	Diadema - - - -	" -	Chippenham.
	44	1	Ophioderma - - -	" -	"
	45	1	Serpula - - - -	" -	Thrapstone.

[1] Presented by Miss Slatter and J. Jones, Esq. [2] Presented by G. Sharman, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
VI.			SECTIONS 14, 15, 16.		
Shelf. V.	46	1	Serpula intestinalis - -	Cornbrash	Chippenham.
	47	1	" deplexa - -	" -	Stanton.
	48	3	" tetragona - -	" -	North Hill and Shipton Gorge.
	49	1	" " - - -	" -	Draycot, Wilts.
	50	1	" " - - -	" -	Chippenham.
	51	12	" " - - -	" -	Chippenham.
	52	1	" - - - -	" -	Draycot.
	53	4	" - - - -	" -	Oldford, &c.
	54	1	" - - - -	" -	Bourden Bridge.
	55	3	" - - - -	" -	Yeanstone Hill.
	56	1	" - - - -	" -	Oldford Hill.
	57	1	" - - - -		
	58	3	Glyphea rostrata - - -	" -	Stanton, Chippenham.
	59	1	Cricopora - - - -	" -	Draycot, Chippenham.
	60	1	Ammonites discus - -	" -	Norton Bridge, Woodstock.
	61	1	" " - - -		
	62	1	" macrocephalus -	" -	Bradford.
	63	1	" " ? -		
	64	2	" Bakeriæ - -	" -	Slatbridge, Weston.
VII.			SECTION 17.		
Shelf. I.	1	1	Extracrinus Briareus - -	Lower Lias	Lyme Regis.
	2	1	" " - -	" -	"
II.	1	1	" " - -	" -	"
III.	1	1	" " - -	" -	"
	2	1	" " - -	" -	"
IV.	1	1	" " - -	" -	"
	2	1	" " - -	" -	"
VIIa.			SECTION 18.		
Shelf. I.	1	1	Pecopteris Whitbiensis -	Inf. Oolite Shales.	Scarborough, Yorkshire.
	2	1	" " - -	" -	"
	3	1	Sphenopteris hymenophylloides.	" -	"
	4	1	Pectopteris and Pterophyllum	" -	"
II.	1	1	Calamites Beanii - - -	" -	Yorkshire.
	2	1	" " - - -	Great Oolite	Woodford Estate, Northamptonshire.
	3	1	Tæniopteris vittata - -	Infer. Oolite	Scarborough, Yorkshire.
	4	1	" " [2] - -	" -	Gristhorpe.
	5	1	" " [2] - -	" -	" "
	6	1	" " - -	" -	Scarborough, "
	7	1	Sphenopteris [2] - - -	" -	Gristhorpe, "

[1] Presented by General Arbuthnot. [2] Presented by Prof. J. Morris.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
VIIA. Shelf. II.			SECTION 18.		
	8	1	Neuropteris lobifolia - -	Inf. Oolite	Scarborough, Yorkshire.
	9	1	" recentior - -	" -	Yorkshire.
	10	1	" denticulata -	" -	"
	11	1	" - - - -	" -	Scarborough, Yorkshire.
	12	1	" - - - -	" -	" "
II.	1	1	Cyclopteris Beanii [1] - -	" -	Gristhorpe "
	2	1	" digitata [1] - -	" -	" "
	3	1	Pecopteris Whitbiensis -	" -	Scarborough "
	4	1	" " -	" -	" "
	5	1	" lobifolia [1] - -	" -	Gristhorpe "
	6	1	" dentata - -	" -	Yorkshire.
	7	1	" Williamsoni -	" -	Scarborough, Yorkshire.
	8	1	" Nebbensis - -	" -	Yorkshire.
	9	1	" undans [1] - -	" -	Gristhorpe, Yorkshire.
V.	1	1	Ctenis falcata [1] - - -	" -	Gristhorpe, Yorkshire.
	2	1	Stigmaria - - - -	" -	Scarborough "
	3	2	Lycopodites Williamsoni -	" -	" "
	4	1	" uncifolius [1] -	" -	Gristhorpe "
	5	1	Zamites gigas - - -	" -	Yorkshire.
	6	1	" " - - -	" -	"
	7	1	" " - - -	" -	"
	8	1	Palæozamia lanceolata -	" -	Scarborough, Yorkshire.
	9	1	" " -	" -	Yorkshire.
7.	1	1	Pterophyllum Williamsoni -	" -	Scarborough, Yorkshire.
	2	1	" - - - -	" -	Gristhorpe "
	3	1	" - - - -	" -	Scarborough "
	4	1	" - - - -	" -	" "
	5	1	" - - - -	" -	" "
	6	1	" - - - -	" -	" "

OOLITIC SERIES. (Flat Cases 1 to 32.)

D.—MIDDLE OOLITE GROUP. SECT. I.
FLAT CASES. XX to XXVI.

ase.	Tablet.	Specimen.	Name.	Formation.	Locality.
XII.	1	2	Terebratula ornithocephala -	Kellaways Rock.	Somerford.
	2	9	" " - -	" -	Kellaways.
	3	4	" " - -	" -	"
	4	6	" " - -	" -	"
	5	4	" " -	" -	"

[1] Presented by Prof. J. Morris.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXII.	6	3	Terebratula obovata - -	Kellaways Rock.	Kellaways.
	7	4	Rhynchonella varians - -	" -	"
	8	14	" " - -	" -	Chippenham.
	9	10	" " - -	" -	Kellaways.
	10	2	Gryphæa dilatata - -	" -	"
	11	4	" bilobata - -	" -	"
	12	1	Ostrea gregaria - -	" -	Chippenham.
	13	2	" " - -	" -	Kellaways.
	14	4	Pecten fibrosus - -	" -	"
	15	5	" " - - -	" -	Chippenham.
	16	1	Avicula inæquivalvis [1] - -	" -	Kellaways.
	17	6	" " [1] - -	" -	"
	18	5	" " - -	" -	"
	19	1	Perna mytiloides - -	" -	"
	20	2	" mitis [1] - - -	" -	"
	21	3	" - - - -	" -	"
	22	5	Lima duplicata - - -	" -	"
	23	1	Lithodomus [2] - - -	" -	"
	24	1	Modiola cuneata [2] - - -	" -	"
	25	3	" bipartita - - -	" -	"
	26	4	Arca - - - - -	" -	"
	27	13	Isocardia minima - - -	" -	"
	28	11	" " - - -	" -	Chippenham.
	29	10	" tenera - - -	" -	"
	30	11	" " - - -	" -	Kellaways.
	31	8	Cardium cognatum - -	" -	Chippenham.
	32	11	" " - -	" -	Kellaways.
	33	7	" " - -	" -	Chippenham.
	34	13	Lucina lirata - - -	" -	Kellaways.
	35	10	" - - - - -	" -	"
	36	4	Unicardium - - -	" -	"
	37	6	Astarte carinata - - -	" -	"
	38	1	Pholadomya Murchisoniæ [2] -	" -	"
	39	1	" " [1] -	" -	"
	40	2	" Phillipsii -	" -	"
	41	2	Trigonia - - - -	" -	"
	42	1	Anatina - - - -	" -	"
	43	4	Goniomya v—scripta - -	" -	Chippenham.
	44	1	" " [1] - -	" -	Kellaways.
	45	1	" " [2] - -	" -	"
	46	5	" " - -	" -	"
	47	6	Myacites decurtata - -	" -	"
	48	1	" recurva - -	" -	"
	49	11	Trigonia - - - -	" -	"
	50	6	" - - - -	" -	"
	51	2	" " - -	" -	"
	52	20	Corbula Macneillii - -	" -	Trowbridge.
	53	5	Pleurotomaria - - -	" -	Kellaways.
	54	1	" reticulata -	" -	"
	55	1	Cerithium muricatum [1] -	" -	"
	56	1	Natica - - - -	" -	"
	57	1	" - - - - -	" -	"
	58	3	" - - - - -	" -	"

[1] Presented by J. G. Lowe, Esq. [2] Presented by S. P. Pratt, Esq.

se.	Tablet.	Specimen.	Name.	Formation.	Locality.
XII.	59	4	Littorina - - - -	Kellaways Rock.	Kellaways.
	60	7	" - - - -	" -	Chippenham.
	61	1	" - - - -	" -	Kellaways.
	62	2	Murex Haccanensis - -	" -	"
	63	9	Alaria trifida - - -	" -	"
	64	2	" " - - -	" -	"
	65	1	Rostellaria - - -	" -	Chippenham.
XIII	1	2	Terebratula [1] - - -	Oxford Clay.	Chippenham.
	2	7	Rhynchonella varians, var. socialis.	" -	"
	3	3	Lingula - - - -	" -	"
	4	3	" - - - - -	" -	Caldecot Mills, Newport Pagnel.
	5	2	Ostrea Marshii - - -	" -	Weymouth.
	6	1	" " - - - -	" -	"
	7	3	" [1] - - - - -	" -	Chippenham.
	8	2	" gregaria [1] - - -	" -	"
	9	3	" inæqualis - - -	" -	"
	10	4	Gryphæa - - - -	" -	Weymouth.
	11	2	" dilatata - - -	" -	Bagbere and Chetnole.
	12	3	" " - - -	" -	Near Canning's Court.
	13	1	" " - - -	" -	Bagbere and Chetnole.
	14	1	" " - - -	" -	Weymouth.
	15	1	Pecten - - - -	" -	Near Fenny Stratford, Bucks.
	16	1	" vagans [1] - - -	" -	Chippenham.
	17	2	Avicula - - - -	" -	Brookend, near North Crawley.
	18	1	" - - - - -	" -	Cleat Hill, near Bedford.
	19	5	" - - - - -	" -	North Crawley (Brookend).
	20	1	" inæquivalvis - -	" -	Chippenham.
	21	3	" - - - - -	" -	Redford Railway Cutting.
	22	2	" ovalis - - -	" -	Chippenham.
	23	2	" " - - -	" -	Christian Malford.
	24	8	" " - - -	" -	Chippenham.
	25	2	" " - - -	" -	"
	26	1	Gervillia [1] - - - -	" -	"
	27	2	Inoceramus [1] - - -	" -	"
	28	1	Perna - - - - -	" -	Backwater, Weymouth.
	29	1	" - - - - -	" -	" "
	30	1	Pinna [1] - - - -	" -	Wooton Basset.
	31	1	" - - - - -	" -	
	32	1	" [1] - - - - -	" -	Chippenham.
XIV	1	4	Modiola bipartita - -	" -	Backwater, Weymouth.
	2	4	" " - - -	" -	Chippenham.
	3	1	" cuneata - - -	" -	Bow Wood, Wiltshire.
	4	3	Arca æmula - - - -	" -	Chippenham.
	5	2	" [1] - - - - -	" -	"

[1] Presented by S. P. Pratt, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXIV	6	1	Arca æmula - - - -	Oxford Clay	Redford Railway Cut ting.
	7	4	Trigonia clavellata - -	" -	Backwater, Weymouth
	8	5	" - - - -	" -	Chippenham and Wey mouth.
	9	1	" elongata - - -	" -	Backwater, Weymouth
	10	1	" costata[1] - - -	" -	Chippenham.
	11	3	" " - - -	" -	Backwater, Weymouth
	12	4	Lucina - - - - -	" -	Chippenham.
	13	1	Astarte - - - -	" -	Backwater.
	14	6	" - - - - -	" -	Lidlinch.
	15	10	" carinata - - -	" -	Chippenham.
	16	1	" ovata - - -	" -	"
	17	1	- - - - - -	" -	"
	18	6	Isocardia tenera - - -	" -	"
	19	1	Pholadomya deltoidea - -	" -	Christian Malford.
	20	2	" " - -	" -	Backwater, Weymouth
	21	5	Myacites oblata - - -	" -	Chippenham.
	22	1	" " [2] - - -	" -	"
	23	2	" " [1] - - -	" -	"
	24	2	Thracia depressa - - -	" -	"
	25	1	" " - - -	" -	Backwater, Weymouth
	26	1	" " - - -	" -	" "
	27	2	" " [2] - - -	" -	Great Northern Rai way.
	28	1	" " [2] - - -	" -	" "
	29	4	- - - - - -	" -	" "
	30	10	Nucula - - - -	" -	Lidlinch.
	31	3	" Phillipsii - -	" -	Christian Malford.
	32	6	" ornata - - -	" -	Weymouth.
	33	10	" nuda - - -	" -	Chippenham.
	34	1	" " - - -	" -	Christian Malford.
	35	8	Leda - - - - -	" -	Lidlinch.
	36	6	" - - - - -	" -	Kempston.
	37	1	Pleurotomaria reticulata [1] -	" -	Chippenham.
	38	1	Patella - - - -	" -	Christian Malford.
	39	17	Melania - - - -	" -	Chippenham.
	40	1	Cerithium muricatum - -	" -	Bedford Railway Cut
	41	4	" " - -	" -	ting.
					" "
	42	1	Murex [1] - - - -	" -	Chippenham.
	43	2	Rostellaria [1] - - - -	" -	"
	44	1	" - - - -	" -	
	45	3	" [1] - - - -	" -	" ?
	46	2	" [1] - - - -	" -	"
	47	1	Alaria bispinosa - - -	" -	Christian Malford.
	48	2	" " - - -	" -	" "
	49	1	" trifida - - -	" -	" "
	50	2	Spinigera - - - -	" -	" "
XXV.	1	7	Terebratula ornithocephala -	Coral Rag & Cale Grit.	Abbotsbury.
	2	9	" " -	" -	"
	3	3	" intermedia - -	" -	"

[1] Presented by S. P. Pratt, Esq. [2] Presented by Thos. Reynolds, Esq.

e.	Tablet.	Specimen.	Name.	Formation.	Locality.
.V.	4	14	Rhynchonella varians - -	Coral Rag and Calc Grit.	Bradenstoke Abbey Farm, Wiltshire.
	5	7	" obsoleta -	" -	Abbotsbury.
	6	3	Ostrea gregaria - - -	" -	Westbrook, Wiltshire.
	7	4	" " - - -	" -	" "
	8	1	" deltoidea - - -	" -	Wyke Regis.
	9	2	" solitaria - - -	" -	Red Cliff, Weymouth.
	10	2	" - - - - -	" -	Purton.
	11	13	" sandalina - - -	" -	
	12	5	" duriuscula - -	" -	Todbere.
	13	3	Gryphæa dilatata - - -	" -	Steeple Ashton.
	14	2	" " - - -	" -	"
	15	3	Plicatula - - - -	" -	"
	16	1	" fistulosa - - -	" -	Calne, Wiltshire.
	17	7	Pecten fibrosus - - -	" -	Red Cliff, Weymouth.
	18	6	" " - - -	" -	6, 7, 10, 38.
	19	1	" annulatus - - -	" -	Mere.
	20	1	" " - - -	" -	Broughton, Shrivenham.
	21	1	" - - - -	" -	Westbrook.
	22	3	" - - - -	" -	Hilmarton.
	23	5	" - - - -	" -	Calne, Wiltshire.
	24	2	Hinnites abjectus - - -	" -	Red Cliff.
	25	1	Gervillia aviculoides - -	" -	"
	26	2	Inoceramus - - - -	" -	Sandsfoot Castle, Weymouth.
	27	2	Perna - - - - -	" -	Red Cliff, Weymouth.
	28	1	" mytiloides - - -	" -	" "
	29	4	Avicula inæquivalvis - -	" -	Weymouth.
	30	1	Lima læviuscula - - -	" -	Malton, Yorkshire.
	31	1	" " - - -	" -	Shotover, Oxfordshire.
	32	2	" rigida - - - -	" -	Westbrook.
	33	1	" " - - - -	" -	Shotover, Oxfordshire.
	34	1	" " - - - -	" -	Red Cliff, Weymouth.
	35	4	" " - - - -	" -	5, 31, 38.
	36	2	" impressa - - -	" -	Calne, Wilts.
	37	1	" gibbosa - - -	" -	Mere.
	38	1	" pectiniformis - -	" -	Purton.
.VI	1	15	Lithodomus inclusus - -	" -	Wiltshire.
	2	9	" " - -	" -	"
	3	5	" " - -	" -	Steeple Ashton.
	4	3	" " - -	" -	Purton.
	5	2	Modiola bipartita - - -	" -	Red Cliff, Weymouth.
	6	1	" imbricata - -	" -	Westbrook.
	7	5	Mytilus pectinatus - -	" -	1, Red Cliff, Weymouth; 2, Wiltshire.
	8	2	Cucullæa oblonga - -	" -	1, Wyke Regis; 2, Highworth.
	9	2	" - - - -	" -	Newland.
	10	1	" - - - -	" -	Red Cliff, Weymouth.
	11	1	Trigonia monilifera - -	" -	" "
	12	1	" marginata - -	" -	" "
	13	2	" clavellata - -	" -	" "
	14	1	" " - -	" -	Wiltshire.
	15	3	Cardium Crawfordi - -	" -	Red Cliff, Weymouth.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXVI	16	1	Lucina[1] - - - -	Coral Rag -	Malton.
	17	3	„ Bellona - - -	„ -	Pinton.
	18	1	Unicardium - - - -	„ -	Red Cliff, Weym
	19	3	„ - - - -	„ -	Westbury Statio
	20	3	Opis similis - - - -	„ -	Steeple Ashton.
	21	3	Astarte ovata - - -	„ -	Red Cliff, Weym
	22	5	„ aliena - - -	„ -	Mere.
	23	2	„ „ - - -	„ -	Red Cliff, Weym
	24	4	„ „ - - -	„ -	„ and St
	25	3	„ „ - - -	„ -	„ Weym
	26	17	„ „ - - -	„ -	Jordan Hill, Pre
	27	1	Cyprina - - - -	„ -	Red Cliff, Weym
	28	5	Isocardia minima - - -	„ -	„ „
	29	4	Gresslya (Panopea) recurva -	„ -	„ „
	30	1	„ peregrina - -	„ -	Steeple Ashton.
	31	1	„ „ - -	„ -	Calne, Wilts.
	32	4	Myacites decurtata - -	„ -	8, 31.
	33	1	„ securiformis - -	„ -	31.
	34	1	Goniomya literata - -	„ -	Stour Provost.
	35	1	„ „ - - -	„ -	Brora.
	36	1	Thracia - - - -	„ -	Red Cliff, Weym
	37	1	Pholadomya æqualis - -	„ -	Calne.
	38	2	„ - - - -	„ -	17, 38.
	39	1	„ oblata? - -	„ -	Near Seend, De
	40	1	Nucula ornata - - -	„ -	Red Cliff, Weym
	41	–			
	42	4	Nerita - - - - -	„ -	East Stour and 2
	43	2	Neritopsis corallensis - -	„ -	Purton.
	44	1	Phasianella striata - -	„ -	Calne, Wiltshire.
	45	1	„ „ - -	„ -	„ „
	46	1	Nerinæa Bernardiana - -	„ -	Red Cliff, Weym
	47	5	„ Danusensis - -	„ -	Nr. Duntishe, 11
	48	3	„ Goodhallii - -	„ -	Red Cliff, Weym
	49	7	Littorina muricata - -	„ -	Purton.
	50	3	„ „ - -	„ -	Red Cliff, Weym
	51	1	„ „ - - -	„ -	Hillmaston.
	52	1	„ ornata - - -	„ -	Steeple Ashton.
	53	1	Cerithium - - - -	„ -	S. E. of Staceys Todbere.
	54	6	„ Damoni - -	„ -	Weymouth.
	55	6	„ muricatum - -	„ -	Red Cliff, Weym
	56	2	„ - - - -	„ -	Ham Cliff & Boa
	57	6	Chemnitzia lineata - -	„ -	Red Cliff, Weym
	58	2	„ Heddingtonensis	„ -	Sandsfoot Castle mouth.
	59	3	„ - - - -	„ -	Red Cliff, Weym
	60	1	Natica - - - - -	„ -	„ „
	61	4	„ - - - - -	„ -	„ „
	62	8	„ - - - - -	„ -	Clack, Wiltshire.
	63	1	„ - - - - -	„ -	Abbotsbury.
	64	3	Pleurotomaria reticulata -	„ -	Red Cliff, Weym
	65	1	„ „ -	„ -	„ „
	66	2	„ „ -	„ -	Westbrook.
	67	6	Rostellaria composita - -	„ -	Red Cliff, Weym
	68	2	Terebra - - - -	„ -	Calne, Wilts.

[1] Presented by W. D. Saull, Esq.

Oolitic Series. (Drawers 2 to 29.)

UNDERNEATH THE FLAT CASES.

D.—MIDDLE OOLITE GROUP. Sect. II.
Drawers XXII. to XXVI.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXII.	1	1	Gryphæa bilobata -	Kellaways Rock.	Chippenham.
	2	1	Perna quadrata - - -	" -	Scarborough.
	3	1	Lima rudis - - - -	" -	Kellaways.
	4	6	Cardium cognatum - -	" -	"
	5	1	" striatulum - -	" -	"
	6	6	Lucina - - - - -	" -	"
	7	1	Astarte carinata - - -	" -	"
	8	4	Isocardia minima - - -	" -	"
	9	10	" " - - -	" -	" and Chippenham.
	10	12	" tenera - - -	" -	" "
	11	1	Pholadomya - - - -	" -	"
XXIII	1	1	Gryphæa dilatata - - -	Oxford Clay	Weymouth.
	2	9	" " - - -	" -	Near Canning's Court.
	3	2	Ostrea [1] - - - -	" -	Chippenham.
	4	1	Pecten fibrosus - - -	" -	2 miles West of Brill.
	5	2	Avicula- - - - -	" -	2 miles W. of Quainton.
	6	2	" ovalis - - -	" -	1 mile N. of Thrapston, Northamptonshire.
	7	1	" " - - -	" -	Denford, Thrapston.
	8	1	Pinna mitis - - - -	" -	2 miles W. of Quainton.
	9	1	Trigonia costata - - -	" -	" "
	10	1	" clavellata - - -	" -	2 miles West of Brill.
	11	3	Astarte - - - - -	" -	2 miles W. of Quainton.
	12	5	Cerithium muricatum - -	" -	Caldecot Mills, 1 m. S.E. of Newport Pagnel.
XXV.	1	1	Ostrea deltoidea - - -	Coral Rag and Calc. Grit.	Steeple Ashton.
	2	8	" gregaria - - -	" -	1 mile South of Purton.
	3	5	" " - - -	" -	Steeple Ashton.
	4	1	Pecten fibrosus - - -	" -	Westbury Station.
	5	1	" " - - -	" -	" "
	6	1	" lens - - -	" -	Westbrook.
	7	1	" - - - -	" -	Oxford.
	8	2	Avicula - - - -	" -	W. of Seend, Devizes.
	9	1	Gervillia aviculoides - -	" -	" "
	10	1	Pinna - - - - -	" -	Studley, near Oxford.
	11	2	" lanceolata - - -	" -	Arngrove Farm, West of Brill.
	12	2	Lima - - - - -	" -	Westbrook, nr. Devizes.
	13	1	" rigida - - - -	" -	" "

[1] Presented by S. P. Pratt, Esq.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXV.	14	1	Modiola imbricata - -	Coral Rag & Calc. Grit.	Studley, near Oxford.
	15	1	" bipartita - -	" -	" "
	16	2	" " - -	" -	Arngrove Farm, West of Brill.
	17	1	Arca quadrisulcata - -	" -	" "
	18	5	Trigonia - - - -	" -	W. of Seend, Devizes.
	19	7	Lucina - - - - -	" -	
	20	3	Opis similis - - - -	" -	W. of Seend, Devizes.
	21	2	Astarte aliena - - -	" -	Mere.
	22	2	" " - - -	" -	Upway, Dorsetshire.
	23	1	" " - - -	" -	Linton Hill, Abbotsbury.
	24	1	" ovata - - -	" -	Red Cliff, near Weymouth.
	25	1	Pholadomya æqualis - -	" -	Arngrove Farm, West of Brill.
	26	3	" - - -	" -	Studley, near Oxford.
	27	1	" - - -	" -	Dorsetshire.
	28	1	" - - -	" -	Rocks under Ham Cliff.
	29	1	Goniomya, v—scripta - -	" -	Studley, near Oxford.
XXVI	1	2	Pleurotomaria reticulata -	" -	Purton.
	2	4	Cerithium muricatum -	" -	Upway, Dorsetshire.
	3	4	" " - -	" -	Steeple Ashton.
	4	7	" " - -	" -	W. of Seend, Devizes.
	5	4	Littorina muricata - -	" -	Steeple Ashton.
	6	1	" " - -	" -	" "
	7	2	" - - - -	" -	W. of Seend, Devizes.
	8	1	Chemnitzia lineata - -	" -	Todbere.
	9	2	" - - - -	" -	Red Cliff, near Weymouth.
	10	7	" - - - -	" -	Todbere and E. Stour.
	11	1	" - - - -	" -	Red Cliff, near Weymouth.
	12	4	Natica - - - -	" -	Newland.

Oolitic Series. (Wall Cases 4 to 10 b.)

D.—MIDDLE OOLITE GROUP. Sect. III.
Wall Cases VI to VIII.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
VI.			Sections 14, 15, 16.		
Shelf. VI.	1	1	Ammonites Kœnigi - -	Kellaways Rock.	Kellaways.
	2	1	" " - -	" -	"
	3	7	" " - -	" -	"

Specimen.	Name.	Formation.	Locality.
	SECTIONS 14, 15, 16.		
6	Ammonites Kœnigi - -	Kellaways Rock.	Kellaways.
3	" " - -	" -	"
1	" " - -	" -	"
1	" " - -	" -	"
1	" " - -	" -	"
6	" " - -	" -	Chippenham.
1	" Eudoxus - -	" -	"
3	" Brightii - -	" -	"
2	" Gowerianus -	" -	Kellaways.
1	" Callovicensis -	" -	"
5	" " - -	" -	"
1	" " - -	" -	"
1	" " - -	" -	"
1	" " - -	" -	"
2	" " - -	" -	"
7	" " - -	" -	Chippenham.
1	" " [1] -	" -	Wiltshire.
1	" macrocephalus -	" -	Thrapston, Northamptonshire.
7	" modiolaris [2] -	" -	Kellaways.
3	" " - -	" -	Chippenham.
1	" " [1] -	" -	Kellaways.
4	" " - -	" -	"
2	" " - -	" -	"
2	" " [1] -	" -	"
2	" " - -	" -	"
2	" cordatus [1] -	" -	"
1	" " - -	" -	"
4	" Gulielmi - -	" -	Scarborough.
4	" - - -	" -	Kellaways.
6	" - - -	" -	Chippenham.
3	" - - -	" -	"
2	" - - -	" -	Kellaways.
1	" perarmatus [2] -	" -	Chippenham.
1	" " - -	" -	Scarborough.
13	Ancyloceras Callovicense [2] -	" -	Kellaways.
2	" " - -	" -	"
6	" " - -	" -	"
	SECTIONS 19, 20, 21.		
1	Nautilus hexagonus - -	Oxford Clay	Backwater, Weymouth.
1	Ammonites Reginaldi [3] -	" -	Trowbridge.
1	" Kœnigi - -	" -	Chippenham.
1	" Lalandeanus [4] -	" -	Backwater, Weymouth.
1	" athletus - -	" -	Walton Railway Cutting.
1	" Reginaldi - -	" -	Trowbridge.
1	" Kœnigi [5] - -	" -	Weymouth.
1	" " - -	" -	Chippenham.

[1] by the Earl of Enniskillen. [2] Presented by J. Lowe, Esq.
[3] Capt. Ibbetson, F.R.S. [4] " T. Reynolds, Esq.
[5] Presented by the Earl of Enniskillen.

Case.	Tablet.	Specimen	Name.	Formation.	Locality.
VIII.			SECTIONS 19, 20, 21.		
Shelf. I.	9	1	Ammonites Cymodoce ? [1] -	Oxford Clay	Red Cliff, Weymouth
	10	1	" excavatus	" -	Walton Cutting.
	11	1	" lenticularis -	" -	Wiltshire.
	12	1	" " - -	" -	"
	13	1	" sublævis - -	" -	Chippenham.
	14	1	" modiolaris -	" -	Backwater, Weymouth
	15	1	" " - -	" -	"
	16	1	" macrocephalus -	" -	" "
	17	1	" Eumelus ? [1] -	" -	Walton Cutting.
	18	1	Pentacrinus ? [2] - - -	" -	Weymouth.
	19	1	Ammonites perarmatus [3] -	Coral Rag	Shotover, Oxford.
	20	1	" " - -	" -	Calne, Wilts.
	21	1	" " - -	" -	" "
	22	5	" " - -	" -	" "
	23	1	" Achilles - -	" -	Highworth.
	24	1	Thamnastrea arachnoides -	" -	Steeple Ashton.
	25	1	Gryphæa dilatata - - -	" -	Concave, Calne.
	26	1	Pinna - - - - -	" -	Westbrook, Wilts.
	27	1	Ammonites rotundus - -	Portland Oolite.	Swindon.
	28	1	" giganteus -	" -	Hockley.
	29	1	" biplex - -	" -	Old Swindon.
	30	1	Fossil Wood - - - -	" -	Portland.
	31	1	Terebra Portlandica - -	" -	"
	32	1	Isastrea oblonga - - -	" -	Tisbury.
	33	1	" " [4] - - -	" -	"
	34	1	Fossil Wood [5] - - -	Kimmeridge Clay.	Weymouth.
II.	1	3	Serpula vertebralis - -	Oxford Clay	Redford Railway Cutting.
	2	1	Pentacrinus Fisheri [2] - -	" -	Weymouth.
	3	3	" - - - -	" -	"
	4	7	" - - - -	" -	"
	5	1	Ophiura [6] - - - -	" -	Chippenham.
	6	3	Acrosalenia hemicidaroides [6]	" -	"
	7	2	" spinosa [6] - -	" -	"
	8	4	Pollicipes planulatus [6] - -	" -	"
	9	2	Crustacean [6] - - - -	" -	"
	10	2	Mecocheirus Pearcei - -	" -	Christian Malford.
	11	1	Ammonites perarmatus [1] -	" -	Great Northern Railway
	12	1	" Reginaldi - -	" -	Trowbridge.
	13	2	" spinosus - -	" -	Backwater, Weymouth.
	14	2	" excavatus [1] - -	" -	Walton Cutting, Great Northern Railway.
	15	1	" Kœnigi - -	" -	Chippenham.
	16	5	" " - -	" -	"
	17	1	" " - -	" -	"
	18	1	" " - -	" -	"

[1] Presented by T. Reynolds, Esq.
[2] Presented by Rev. O. Fisher.
[3] " the Earl of Enniskillen.
[4] " C. Stokes, Esq.
[5] " — Peniston, Esq.
[6] " S. P. Pratt, Esq.

se.	Tablet.	Specimen.	Name.	Formation.	Locality.
II. elf.			SECTIONS 19, 20, 21.		
I.	19	1	Ammonites cordatus - -	Oxford Clay	Trowbridge.
	20	2	" " - -	" -	Backwater, Weymouth.
	21	1	" " - -	" -	Walton Cutting, Huntingdon.
	22	8	" " - -	" -	Loch Staffin, I. of Skye.
	23	4	" " - -	" -	Bo. Wood, Wilts.
	24	3	" " - -	" -	" "
	25	2	" " - -	" -	" "
	26	1	" omphaloides -	" -	Backwater, Weymouth.
	27	2	" Gowerianus [1] -	" -	Chippenham.
	28	1	" " -	" -	"
	29	1	" " -	" -	"
	30	2	" " -	" -	Backwater, Weymouth.
	31	1	" " -	" -	Chippenham.
	32	1	" " -	" -	"
	33	3	" modiolaris [1] & [2] -	" -	"
	34	1	" " - -	" -	Backwater, Weymouth.
	35	1	" " - -	" -	Chippenham.
	36	1	" " - -	" -	"
	37	1	" " - -	" -	Filey, Yorkshire.
	38	1	" macrocephalus -	" -	Chippenham.
	39	1	" " -	" -	"
	40	8	" Lamberti - -	" -	Lydlinch.
	41	5	" " - -	" -	Backwater, Weymouth.
	42	7	" " - -	" -	Great Northern Railway.
	43	4	" " - -	" -	" "
	44	7	" vertebralis [3] -	" -	Oxford.
	45	7	" Arduenensis [1] -	" -	Walton Cutting, G.N.R.
	46	8	" Mariæ - -	" -	Tinker's End, Winslow.
	47	1	" hecticus - -	" -	Backwater, Weymouth.
	48	8	" Eugenii - -	" -	Loch Staffin, I. of Skye.
	49	1	" athletus [4] - -	" -	Great Northern Railway.
	50	4	" biplex - -	" -	Ringstead Bay.
	51	1	" - - - -	" -	Loch Staffin, I. of Skye.
	52	1	" Bakeriæ [1] - -	" -	Chippenham.
	53	3	" " [1] & [5] -	" -	Great Northern Railway.
	54	2	" Duncani - -	" -	Dauntsey, Wilts.
	55	2	" Baugieri - -	" -	Wiltshire.
	56	1	" crenatus - -	" -	Aspley Guise, Woburn.
	57	1	" fluctuosus [1] -	" -	Christian Malford.
	58	1	" " -	" -	" "
	59	3	" Achilles - -	" -	Dauntsey, Wilts.
	60	1	" Comptoni [1] -	" -	Christian Malford.
	61	1	" " [1] -	" -	" "
	62	1	" Stuchburyi [1] -	" -	" "
	63	2	Trigonellites politus - -	" -	" "
II.	1	6	Ammonites Jason - -	" -	" "
	2	1	" " - -	" -	" "

[1] Presented by S. P. Pratt, Esq. [2] Presented by the Earl of Enniskillen
[3] " Prof. Phillips. [4] " T. Reynolds, Esq.
[5] Presented by — Stokes, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
VIII. Shelf. III.			SECTIONS 19, 20, 21.		
	2	2	Ammonites Jason [1] - -	Oxford Clay	Christian Malford.
	4	1	" " - -	" -	" "
	5	2	" " [1] - -	" -	" "
	6	1	" " - -	" -	" "
	7	2	" " - -	" -	" "
	8	1	" " - -	" -	" "
	9	1	" " - -	" -	" "
	10	2	" " - -	" -	Backwater, Weymouth.
	11	1	" " - -	" -	Caldecot Mills, Newport Pagnell.
	12	1	" " - -	" -	" "
	13	1	" Gulielmi [1] - -	" -	Christian Malford.
	14	5	" " - -	" -	" "
	15	1	" " [2] - -	" -	Chippenham.
	16	3	" " - -	" -	Backwater, Weymouth.
	17	3	" Comptoni - -	" -	Christian Malford.
	18	2	" " - -	" -	" "
	19	1	" Lonsdalii - -	" -	" "
	20	1	" " - -	" -	" "
	21	1	" " - -	" -	" "
	22	2	" " - -	" -	" "
	23	1	" " [1] - -	" -	" "
	24	2	" Brightii - -	" -	" "
	25	3	" " - -	" -	" "
	26	2	" " [1] - -	" -	" "
	27	1	" Sedgwickii [1] -	" -	" "
	28	2	" - - - -	" -	" "
	29	1	" [1] - - -	" -	" "
	30	1	" [1] - - -	" -	" "
	31	5	Aptychus sanguinolarius [3] -	" -	Chippenham.
	32	3	Belemnites Owenii - -	" -	Christian Malford.
	33	1	" " - -	" -	" "
	34	4	" " - -	" -	" "
	35	2	" " - -	" -	" "
	36	2	" " - -	" -	" "
	37	2	" " [2] - -	" -	" "
	38	6	" Beaumontianus -	" -	Loch Staffin.
	39	2	" hastatus - -	" -	Christian Malford.
	40	1	" " - -	" -	Chippenham.
	41	1	" " - -	" -	Christian Malford.
	42	11	" " - -	" -	Between Ham Cliff and Boat Cove.
	43	9	" " - -	" -	Lydlinch, Weymouth.
	44	7	" " - -	" -	Christian Malford.
	45	1	" (Ink bag of) -	" -	?
	46	1	Geoteuthis - - - -	" -	?
	47	1	" - - - -	" -	Christian Malford.
	48	1	Belemnoteuthis & Geoteuthis	" -	" "
	49	5	" antiquus -	" -	" "
	50	1	" " -	" -	" "
	51	3	" " -	" -	" "

[1] Presented by S. P. Pratt, Esq. [2] Presented by Capt. Ibbetson, F.R.S.

ase.	Tablet.	Specimen.	Name.	Formation.	Locality.
III.			SECTIONS 19, 20, 21.		
helf.					
V.	1	1	Zamiostrobus - - -	Coral Rag	Brora.
	2	3	Wood - - - - -	" -	Newland, near Glenvillies Bottom.
	3	1	" - - - - -	" -	Dorsetshire.
	4	3	Isastrea explanata - -	" -	Steeple Ashton.
	5	2	" " - - -	" -	Highworth.
	6	3	" Greenoughii - -	" -	Steeple Ashton.
	7	1	" - - - -	" -	" "
	8	1	Thamnastrea arachnoides -	" -	" "
	9	2	" " -	" -	" "
	10	2	" " -	" -	" "
	11	1	" " -	" -	" "
	12	2	" " -	" -	" "
	13	3	" " -	" -	" "
	14	1	" " -	" -	" "
	15	1	" " -	" -	Lyneham.
	16	1	" " -	" -	Purton.
	17	3	" " -	" -	Steeple Ashton.
	18	2	" " -	" -	" "
	19	4	" concinna -	" -	" "
	20	3	" " - -	" -	" "
	21	5	Thecosmilia annularis - -	" -	" "
	22	5	" " - -	" -	" "
	23	6	" " - -	" -	" "
	24	2	" " - -	" -	" "
	25	3	" " - -	" -	" "
	26	10	" " - -	" -	" "
	27	1	" " - -	" -	" "
	28	1	" " - -	" -	" "
	29	3	" " - -	" -	1 mile South of Purton.
	30	1	" " - -	" -	Calne, Wiltshire.
	31	2	Stylina tubulifera - -	" -	Steeple Ashton.
	32	7	" " - -	" -	" "
	33	5	" De la Bechei - -	" -	" "
	34	1	" - - - -	" -	" "
	35	1	" - - - -	" -	" "
	36	1	Comoseris irradians - -	" -	" "
	37	1	" " - -	" -	" "
	38	1	Cladophyllia Conybearii -	" -	" "
	39	3	" " -	" -	" "
	40	3	Rhabdophyllia Phillipsi -	" -	" "
	41	1	Lobophyllia - - - -	" -	Redcliff, nr. Weymouth.
	42	18	Montlivaltia - - - -	" -	South of Castle Carey Somerset.
	43	1	Anabacia orbulites - -	" -	Steeple Ashton.
	1	10	Echinobrissus scutatus -	" -	Abbotsbury Castle.
	2	1	" " -	" -	Highworth.
	3	2	" " -	" -	Redcliff, nr. Weymouth.
	4	1	" sinuatus -	" -	Dustin.
	5	1	Pygaster umbrella - -	" -	W. of Linton Hill.
	6	1	Pygurus Blumenbachii -	" -	Abbotsbury Castle.
	7	1	" pentagonalis -	" -	W. of Linton Hill.
	8	10	Pseudo-diadema versipora -	" -	Hilmarton.
	9	1	" " -	" -	Steeple Ashton.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
VIII. Shelf. V.			SECTIONS 19, 20, 21.		
	10	3	Pseudo-diadema versipora -	Coral Rag	Calne, Wiltshire.
	11	2	" " -	" -	Scarborough.
	12	4	" " -	" -	Calne & SteepleAsh
	13	1	" hemisphæricum [1] -	" -	Malton.
	14	1	" " [1] -	" -	"
	15	1	" " -	" -	"
	16	1	" mammillanum -	" -	Redcliff, nr.Weym
	17	5	Diadema subangulare [2] -	" -	Steeple Ashton.
	18	1	Glypticus hieroglyphicus -	" -	Hilmarton.
	19	4	Acrosalenia hemicidaroides -	" -	Calne and Bray Northampton.
	20	1	" " -	" -	Steeple Ashton.
	21	3	" Loweana -	" -	" "
	22	2	" spinosa -	" -	" "
	23	1	" decorata -	" -	" "
	24	3	" " -	" -	" Abbots Cas
	25	10	" - - -	" -	Garsden Malmsb
	26	1	Hemicidaris intermedia -	" -	Calne, Wiltshire.
	27	11	" "	" -	" "
	28	3	" " spines of	" -	" "
	29	8	" " [2] -	" -	" "
	30	1	" " [3] -	" -	" "
	31	1	" " [4] -	" -	?
	32	4	Cidaris florigemma -	" -	Hilmarton.
	33	6	" " - - -	" -	Calne, Wiltshire.
	34	16	" " spines of	" -	" "
	35	5	" " " -	" -	" "
	36	2	" " - -	" -	Near Swindon.
	37	1	" Smithii - -	" -	Hilmarton.
	38	1	" " - - - -	" -	Calne, Wiltshire.
	39	4	" spinosa - - -	" -	" "
	40	1	Astropecten arenicolus [5] -	" -	Nr.Pickering,Wilts
	41	1	" " [4] -	" -	Yorkshire.
	42	7	Serpula runcinata - -	" -	Calne.
	43	1	" " - - -	" -	Steeple Ashton.
	44	1	" - - - - -	" -	Calne.
	45	2	" - - - - -	" -	Purton.
	46	1	" - - - - -	" -	Westbrook, Wiltsh
	47	6	" - - - - -	" -	Abbotsbury.
	48	1	" - - - - -	" -	Bewley Wood.
	49	9	" - - - - -	" -	Ham Cliff & Boat C
	50	6	" - - - - -	" -	" "
	51	2	" - - - - -	" -	Loc. 9, 10.
	52	5	Vermilia sulcata - - -	" -	Steeple Ashton.
	53	2	" " - - -	" -	Weymouth.
	54	2	" - - - - -	" -	Wyke Regis.
	55	3	" & Serpula runcinata	" -	9, 21, 38.
	56	2	Ammonites cordatus - -	" -	Highworth.
	57	1	" " - -	" -	Calne, Wiltshire.
	58	1	" " - -	" -	" "

[1] Presented by D. Small, Esq. [2] Presented by J. Noyes, Esq.
[3] " — Clark, Esq. [4] " C. Stokes, Esq.
[5] Presented by — Leckenby, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
VIII. Shelf. V.			SECTIONS 19, 20, 21.		
	59	1	Ammonites cordatus - -	Coral Rag	Derry Hill, Wiltshire.
	60	1	" " - -	" -	Steeple Ashton.
	61	1	" perarmatus -	" -	Concave, Calne.
	62	1	" " -	" -	Redcliff, nr. Weymouth.
	63	1	" " -	" -	Brora.
	64	1	" Arduennensis -	" -	Redcliff, Weymouth.
	65	1	" Lamberti [1] -	" -	
	66	1	" biplex -	" -	" "
	67	1	" " - -	" -	Weymouth.
	68	1	" " - -	" -	Calne, Wiltshire.
	69	1	" sublævis - -	" -	Studley, Calne.
	70	1	" eupalus - -	" -	Redcliff, Weymouth.
	71	1	" eudoxus - -	" -	" "
	72	1	" plicomphalus -	" -	Westbury Station, Wilts.
	73	1	" " -	" -	Calne, Wiltshire.
	74	1	" modiolaris - -	" -	" "
	75	1	" triplex - -	" -	Highworth.
	76	2	" - - - -	" -	Preston, nr. Weymouth.
	77	1	" - - - -	" -	Shotover, near Oxford.
	78	4	" - - - -	" -	Abbotsbury.
	79	1	Nautilus hexagonus - -	" -	Redcliff, Weymouth.
	80	3	" " - -	" -	" "
	81	2	" " - -	" -	Immediately.
	82	5	Belemnites excentricus [2] -	" -	Buckland, near Faringdon.
	83	3	" " - -	" -	Westbury Station, Wilts.
	84	2	" " - -	" -	Highworth.
	85	2	" Owenii - -	" -	Redcliff, nr. Weymouth.
	86	2	" abbreviatus -	" -	21, 32.
	87	1	" - - - -	" -	Jordan Hill, near Weymouth.
	88	1	" - - -	" -	Westbury Station, Wilts.

OOLITIC SERIES. (Flat Cases 1 to 32.)

E.—UPPER OOLITE GROUP. SECT. I.
FLAT CASES XXVII to XXXII.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXVII	1	4	Rhynchonella inconstans -	Kimmeridge Clay	Weymouth.
	2	5	" " -	" -	Wooton Bassett.
	3	1	Discina Humphriesiana -	" -	Studley Wood.

[1] Presented by the Earl of Enniskillen. [2] Presented by C. Stokes, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXVII	4	3	Lingula ovalis [1] - - -	Kimmeridge Clay.	Near Sherborne, Do
	5	3	Ostrea læviuscula - -	" -	Hartwell.
	6	1	" deltoidea - - -	" -	Wooton Bassett.
	7	2	" " - - -	" -	Wooton Bassett Studley Wood.
	8	3	" " - - -	" -	Ringstead Bay, W mouth.
	9	4	Exogyra nana - - -	" -	Ely, and Ringstead
	10	3	Gryphæa virgula - - -	" -	Ely.
	11	3	" " [1] - - -	" -	Sherborne, Dorsetsh
	12	1	Pecten arcuatus - - -	" -	Hartwell.
	13	1	" - - - - -	" -	"
	14	1	Perna [2] - - - -	" -	Wooton Bassett.
	15	1	" [3] - - - -	" -	Hartwell.
	16	2	Pinna granulata [3] - -	" -	"
	17	2	" " [3] - - -	" -	"
	18	1	Lima pectiniformis - -	" -	Ringstead Bay.
	19	1	" " - -	" -	"
	20	1	Modiola - - - -	" -	Hartwell.
	21	2	" bipartita - -	" -	Wooton Bassett.
	22	2	" " - -	" -	Ringstead Bay.
	23	1	" [3] - -	" -	Hartwell.
	24	1	Mytilus pectinatus - -	" -	Wooton Bassett.
	25	4	Arca [1] - - - -	" -	Sherborne.
	26	2	" [2] - - - -	" -	Wooton Bassett.
	27	1	Trigonia elongata - -	" -	Weymouth.
	28	1	" Voltzii - - -	" -	Portland.
	29	2	Cardium semigranulatum -	" -	Sherborne.
	30	2	" striatulum [3] -	" -	Hartwell.
	31	1	" " [4] - -	" -	"
	32	3	" " [3] - -	" -	"
	33	1	Astarte [2] - - - -	" -	Wooton Bassett.
	34	5	" Hartwellensis [3] -	" -	Hartwell.
	35	1	" - - - -	" -	Ringstead Bay.
	36	1	" [3] - - - -	" -	Hartwell.
	37	1	" - - - -	" -	Ringstead, Weymou
	38	3	" lineata - -	" -	"
	39	2	" " - -	" -	"
	40	3	" [2] - -	" -	Wooton Bassett.
	41	3	" ovata [2] - -	" -	" "
	42		" " - -	" -	" "
	43		" [2] - - -	" -	Hartwell.
	44		Thracia depressa - -	" -	Wooton Bassett.
	45		Isocardia minima - -	" -	Ringstead Bay.
	46		" " - -	" -	Wooton Bassett.
	47		" " - -	" -	Hartwell.
XXVIII.	1	1	Panopæa recurva - - -	" -	Portland.
	2	2	" [4] - - - -	" -	Hartwell Quarry, Ay bury.
	3	1	" - - - -	" -	Ringstead Bay.

[1] Presented by the Marchioness of Westminster. [2] Presented by S. P. Pratt, E
[3] " Mrs. Smyth. [4] " Dr. Lee.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXVIII	4	1	Pholadomya acuticosta -	Kimmeridge Clay.	
	5	1	" [1] -	" -	Wooton Bassett.
	6	2	" - -	" -	" "
	7	1	" æqualis - -	" -	Ringstead Bay.
	8	1	" " - -	" -	" "
	9	1	" " - -	" -	Wooton Bassett.
	10	1	Anatina undulata - -	" -	Ringstead Bay.
	11	1	Myacites recurva - -	" -	" "
	12	1	" " [2] - -	" -	Wooton Bassett.
	13	1	" oblata - -	" -	" "
	14	4	" " - -	" -	" "
	15	2	Thracia depressa [2] - -	" -	Hartwell.
	16	1	" " - -	" -	Culham, Oxfordshire.
	17	1	" " - -	" -	Hartwell.
	18	1	" " [2] - -	" -	"
	19	1	" [2] - -	" -	"
	20	1	Pleurotomaria reticulata [1] -	" -	Wooton Bassett.
	21	2	" " -	" -	Ringstead Bay.
	22	2	" " -	" -	Wooton Bassett.
	23	2	" " -	" -	Wilts.
	24	1	Phasianella striata - -	" -	Ringstead Bay.
	25	1	" " - -	" -	Wooton Bassett.
	26	5	Patella latissima - - -	" -	Gad Cliff.
	27	3	Chemnitzia Heddingtonensis	" -	Wooton Bassett.
	28	2	" " -	" -	Ringstead Bay, Weymouth.
	29	1	" [1] - - -	" -	Wooton Bassett.
	30	1	Trochus [1] - - -	" -	" "
	31	2	Littorina muricata [1] - -	" -	" "
XXIX	1	1	Modiola - - - -	Portland Sand.	Portland.
	2	2	Trigonia incurva - - -	" -	Corton.
	3	7	" gibbosa - -	" -	Day House Farm, Swindon.
	4	4	" " - -	" -	" " "
	5	4	Cardium dissimile - -	" -	Portisham, Corton.
	6	5	" " - -	" -	" "
	7	3	" " - -	" -	" "
	8	5	Thracia depressa - -	" -	Corton.
	9	2	Cucullæa " - -	" -	"
	10	5	Myacites - - - -	" -	"
	11	1	Ostrea expansa [3] - -	Portland Oolite.	Brill.
	12	1	" " - - -	" -	"
	13	1	" " [3] - - -	" -	Hartwell.
	14	4	" - - - -	" -	Isle of Portland.
	15	2	Pecten lamellosus - -	" -	" "
	16	1	" " [3] - -	" -	Brill.
	17	1	" " - -	" -	Tisbury.
	18	2	Perna - - - -	" -	
	19	1	Lima rustica [2] - - -	" -	Hartwell.
	20	1	" - - -	" -	"

[1] Presented by S. P. Pratt, Esq. [2] Presented by Mrs. Smyth.
[3] Presented by W. D. Saull, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXX.	1	2	Mytilus - - - -	Portland Oolite.	Tisbury.
	2	2	" - - - -	" -	Old Swindon.
	3	3	Lithodomus - - - -	" -	Portland.
	4	1	Arca - - - - -	" -	Old Swindon.
	5	4	Trigonia incurva - - -	" -	Portland.
	6	2	" " - - -	" -	Swindon.
	7	2	" gibbosa - - -	" -	"
	8	2	" " - - -	" -	"
	9	2	" " - - -	" -	Upway.
	10	1	" " - - -	" -	Tisbury.
	11	2	" " - - -	" -	"
	12	1	" " - - -	" -	"
	13	1	" " - - -	" -	Chalbury near Presto
	14	1	" " - - -	" -	Aylesbury.
	15	1	Cardium dissimile - -	" -	Ridgway, Weymouth
	16	2	" " - - -	" -	Isle of Portland.
	17	2	" " - - -	" -	Swindon.
	18	2	" " - - -	" -	Potisham, Corton Hil
	19	3	" " - - -	" -	" "
	20	1	" " - - -	" -	Swindon.
	21	8	Lucina Portlandica - -	" -	Portland.
	22	3	" " - - -	" -	Swindon.
	23	1	" " - - -	" -	"
	24	4	" " - - -	" -	"
	25	6	" " - - -	" -	"
	26	9	Cytheræa rugosa - - -	" -	"
	27	4	" " - - -	" -	"
	28	3	" " - - -	" -	"
	29	4	Myacites (Panopea) - -	" -	"
	30	5	" - - - -	" -	Blacknore.
	31	2	" - - - -	" -	Isle of Portland.
	32	4	" - - - -	" -	Blacknore.
	33	4	" - - - -	" -	Swindon.
	34	1	" - - - -	" -	"
	35	1	Sowerbya - - - -	" -	Portland.
	36	2	" - - - -	" -	"
	37	2	Mya? - - - - -	" -	"
	38	6	- - - - - -	" -	Swindon.
	39	1	Gastrochæna - - -	" -	Isle of Portland.
	40	1	Nerita - - - - -	" -	Portland.
	41	2	Neritoma sinuosa - - -	" -	"
	42	4	" - - - -	" -	Tisbury.
	43	1	Pleurotomaria rugata - -	" -	"
	44	1	" " - -	" -	"
	45	2	" " - -	" -	Ridgway Hill.
	46	3	" " - -	" -	WockleyQuarry,Tisbu
	47	2	" " - -	" -	Swindon.
	48	1	" " - -	" -	Wockley.
	49	5	Natica[1] - - - -	" -	Portland.
	50	4	" - - - -	" -	"
	51	6	" - - - -	" -	Tisbury.
	52	1	Buccinum naticoides[2] - -	" -	Brill.
	53	1	" " [2] - -	" -	"

[1] Presented by H. A. Allen, Esq. [2] Presented by W. D. Saull, Esq.

e.	Tablet.	Specimen.	Name.	Formation.	Locality.
X.	54	11	Terebra Portlandica [1] - -	Portland Oolite.	Portland.
	55	3	" " - -	" -	"
	56	3	" " - -	" -	Swindon.
	57	5	" " - -	" -	"
	58	5	" " - -	-	Chilmark.
	59	1	" - - - -	" -	Portland.
XI	1	2	Mytilus [2] - - - -	Lower Purbeck.	Near Aylesbury.
	2	9	Cyrena - - - - -	" -	Durlstone Bay.
	3	1	Cyclas - - - - -	" -	" "
	4	2	Cardium - - - -	" -	Ridgway.
	5	2	Valvata - - - -	" -	Lulworth Cove.
	6	1	Rissoa - - - - -	" -	Mupes Bay.
	7	2	Lymnea - - - -	" -	Lulworth Cove.
	8	3	Bithynia - - - -	" -	Swindon.
	9	3	" - - - -	" -	"
	10	1	" - - - -	" -	"
	11	1	" - - - -	" -	"
	12	3	Ostrea distorta - - -	Middle Purbeck.	Durlstone Bay.
	13	1	" sp. - - - -	" -	" "
	14	4	Avicula Dorsetiensis - -	" -	Ridgway Cutting, Upway.
	15	2	" sp. - - - -	" -	Durlstone Bay.
	16	1	Pecten Purbeckensis - -	" -	Ridgway Cutting, Upway.
	17	5	Perna - - - - -	" -	Durlstone Bay.
	18	2	Modiola - - - -	" -	" "
	19	2	" Fittoniana - -	" -	Ridgway Cutting, Upway.
	20	1	Mytilus? spatula - - -	" -	" "
	21	2	Trigonia [3] - - - -	" -	Fovant, Wilts.
	22	6	Cardium - - - -	" -	Durlstone Bay.
	23	1	" - - - - -	" -	" "
	24	2	Cyclas - - - - -	" -	Ridgway Cutting, Upway.
	25	2	" - - - - -	" -	Lulworth Cove.
	26	1	Cyrena - - - - -	" -	Upway, nr. Weymouth.
	27	1	" [3] - - - - -	" -	" "
	28	11	" - - - - -	" -	Ridgway Cutting, Upway.
	29	3	" - - - - -	" -	" "
	30	2	" - - - - -	" -	Durlstone Bay.
	31	1	" - - - - -	" -	Upway.
	32	2	" - - - - -	" -	Durlstone Bay.
	33	7	" - - - - -	" -	" "
	34	1	" - - - - -	" -	Bacon Hole.
	35	8	Corbula? - - - -	" -	Ridgway Cutting, Upway.
	36	2	" (Potomomya) - -	" -	Durlstone Bay.
	37	1	" - - - - -	" -	" "
	38	2	" - - - - -	" -	" "

[1] Presented by H. A. Allen, Esq. [2] Presented by D. Brandon, Esq.
[3] Presented by the Rev. O. Fisher.

Case.	Tablet.	Specimen.	Name.	Formation.	Loca
XXXI	39	3	Corbula? - - - -	Middle Purbeck.	Bacon Hole
	40	3	" - - - - -	" -	Vale of Wa
	41	3	Pisidium? - - - -	" -	Durlstone B
	42	1	Thracia Fisheri - - -	" -	Ridgway C way.
XXXII.	1	1	Lymnæa - - - -	" -	Upway, nr.
	2	1	" Planorbis, Valvata, Candona, Chara.	" -	Between U Osmingto
	3	17	Physa - - - - - -	" -	Lulworth, &
	4	6	" - - - - - -	" -	"
	5	7	" - - - - - -	" -	?
	6	5	" - - - - - -	" -	Osmington.
	7	1	" Bristovii - - -	" -	Between Osmingto
	8	10	" - - - - - -	" -	Lulworth.
	9	1	Planorbis, Paludina, Physa Gapperi and Bristovii, and Valvata.	" -	Between U Osmingto
	10	3	Planorbis - - - -	" -	Osmington.
	11	1	" - - - -	" -	Durlstone B
	12	4	" - - - -	" -	Osmington.
	13	6	" - - - -	" -	"
	14	1	" - - - -	" -	Bacon Hole,
	15	7	" - - - -	" -	Durlstone B
	16	2	Paludina - - - -	" -	Osmington.
	17	1	" - - - -	" -	Worbarrow.
	18	24	" - - - -	" -	Lulworth.
	19	5	" - - - -	" -	Osmington.
	20	1	" - - - -	" -	Durlstone B
	21	10	" - - - -	" -	Osmington.
	22	1	" - - - -	" -	Swanage.
	23	1	" - - - -	" -	Lulworth.
	24	1	Valvata - - - -	" -	Mupes Bay.
	25	1	" [1] - - - -	" -	Ridgway, nr.
	26	3	" - - - -	" -	Lulworth.
	27	1	" - - - -	" -	Durlstone B
	28	1	" - - - -	" -	Lulworth.
	29	10	" - - - -	" -	Durlstone.
	30	2	Melania - - - -	" -	Bacon Hole,
	31	1	" - - - -	" -	"
	32	2	" - - - -	" -	"
	33	6	" - - - -	" -	"
	34	4	" - - - -	" -	"
	35	1	Melanopsis? - - -	" -	Durlstone B
	36	1	" Harpæformis -	" -	"
	37	1	Rissoa (Bithynia) - - -	" -	Bacon Hole,
	38	2	" (Hydrobia) - -	" -	"
	39	1	" " - -	" -	"
	40	3	" " - -	" -	"
	41	1	" - - - - -	" -	Durlstone B
	42	11	" Hydrobia? - -	" -	

[1] Presented by the Rev. O. Fisher.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXXII.	43	3	Chilina	Middle Purbeck.	Osmington.
	44	1	"	"	Langton Maltravers.
	45	1	"	"	Bacon Hole, Dorsetshire.
	46	2	"	"	" and Durlstone Bay.
	47	1	Tornatella? Purbeckensis	"	Bacon Hole, Dorsetshire.
	48	2	Unio	Upper Purbeck.	Osmington.
	49	3	"	"	Ridgway, nr. Weymouth.
	50	11	Cyrena	"	" "
	51	8	"	"	" "
	52	1	Paludina	"	" "

Oolitic Series. (Drawers 2 to 29.)

UNDERNEATH THE FLAT CASES,

E.—UPPER OOLITE GROUP. Sect. II.

Drawers XXVII. to XXXII.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
VII	1	1	Rhynchonella inconstans	Kimmeridge Clay.	Backwater, Weymouth.
	2	5	" "	"	Ringstead Bay.
	3	3	Lingula ovalis[1]	"	Near Sherborne, Dorsetshire.
	4	1	Ostrea deltoidea	"	Wooton Bassett.
	5	3	"	"	Studley Wood.
	6	1	" gregaria	"	Ringstead Bay.
	7	1	Pecten	"	Aylesbury.
	8	3	Pinna lanceolata	"	N.W. side of Brill.
	9	1	Modiola imbricata	"	Ringstead Bay.
	10	1	Arca	"	Hartwell.
	11	1	"	"	Aylesbury.
	12	1	"	"	Ringstead Bay.
	13	3	Cardium striatulum	"	" "
	14	2	Unicardium	"	" "
	15	12	Astarte aliena	"	Dorsetshire.
	16	1	" Hartwellensis	"	Aylesbury.
	17	1	"	"	Hartwell.
	18	1	Thetis	"	Wooton Bassett, Wiltshire.

[1] Presented by the Marchioness of Westminster.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXVII	19	1	Pholadomya æqualis - -	Kimmeridge Clay.	Hartwell.
	20	1	" ovalis - -	" -	Ringstead Bay.
	21	2	" - - - -	" -	" "
	22	1	Goniomya v—scripta - -	" -	" "
	23	2	Myacites - - - -	" -	" "
	24	4	" gibbosa - - -	" -	Nr. Banbury Com
	25	2	Thracia depressa - - -	" -	Hartwell.
	26	3	Pleurotomaria depressa -	" -	Ringstead Bay.
	27	1	Phasionella - - - -	" -	" "
	28	2	Littorina - - - -	" -	" "
XXIX.	1	1	Pecten lamellosus - -	Portland Stone.	Upway.
	2	3	Modiola pallida - - -	" -	N.W. side of Brill
	3	2	Cucullæa - - - -	" -	Aylesbury.
	4	3	Trigonia gibbosa - - -	" -	Old Swindon.
	5	3	" " - - -	" -	"
	6	4	" " - - -	" -	"
	7	2	" " - - -	" -	1, Boughton, near venham. 2, Swindon.
	8	3	" incurva - - -	" -	Isle of Portland.
	9	1	" " - -	" -	Swindon.
	10	3	" - - -	" -	Tisbury.
	11	2	Cardium dissimile - -	" -	Isle of Portland.
	12	2	" " - - -	" -	Swindon.
	13	2	" " - - -	" -	"
	14	1	" " - - -	" -	Wockley.
	15	2	Myoconcha - - - -	" -	Aylesbury.
	16	1	Lucina Portlandica - -	" -	Swindon.
	17	1	Thracia - - - -	" -	Aylesbury.
	18	1	Neritoma sinuosa - - -	" -	Swindon.
	19	1	Pleurotomaria rugata - -	" -	Wockley Quarry, Tisbury.
	20	3	" - - - -	" -	Swindon.

Oolitic Series. (Wall Cases 4 to 10 b.)

E.—UPPER OOLITE GROUP. Sect. III.
Wall Cases VIII. & Xb.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
VIII. Shelf. VI.			Sections 19, 20, 21.		
	1	1	Cidaris horrida ? [1] - -	Kimmeridge Clay.	Wootton Basset.
	2	2	" Florigemma - -	" -	Ringstead Bay.

[1] Presented by Prof. J. Morris.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
VIII. Shelf. VI.			SECTIONS 19, 20, 22.		
	3	3	Serpula variabilis - -	Kimmeridge Clay.	Ringstead Bay.
	4	1	" tetragona [1] - - -	" -	?
	5	1	" [2] - - - - -	" -	Wootton Basset.
	6	3	Astacus - - - - -	" -	Studley Wood.
	7	1	Belemnites Owenii - -	" -	Hartwell.
	8	1	" abbreviatus - -	" -	Nr. Devizes, Wiltshire.
	9	3	" " - -	" -	Wiltshire.
	10	1	" Blainvillii - -	" -	Ringstead Bay.
	11	1	" - - - - -	" -	" "
	12	1	" [3] - - - - -	" -	Eathie, Cromarty.
	13	2	Ammonites biplex [4] - -	" -	Hartwell.
	14	1	" " - -	" -	"
	15	1	" " - -	" -	"
	16	1	" " - -	" -	"
	17	1	" " - -	" -	"
	18	3	" Lambertii -	" -	Wiltshire.
	19	1	" plicatilis? - -	" -	Ringstead Bay.
	20	1	" Bakeriæ - -	" -	" "
	21	6	" [5] - - - - -	" -	Near Sheerness, Dorsetshire.
	22	1	" - - - - -	" -	Ringstead Bay.
	23	1	" - - - - -	" -	" "
	24	10	" - - - - -	" -	Wootton Basset.
	25	1	" - - - - -	" -	" "
	26	2	Trigonellites latus - -	" -	Ely.
	27	3	" " [6] - -	" -	" and Hardwick.
	28	3	" " - - -	" -	Stewkley, near Fenny Stratford.
	29	1	" " - - -	" -	Ringstead Bay.
	30	2	" " - - -	" -	Aylesbury.
	31	1	Glyphea - - - -	Portland Stone.	Tillywhim, Durlstone Bay.
	32	1	Ammonites triplex - -	" -	Swindon.
	33	1	" " - - -	" -	?
	34	1	" biplex - -	" -	Shrivenham.
	35	1	" " - - -	" -	Swindon.
	36	1	" " - - -	" -	"
	37	1	" " - - -	" -	"
	38	1	" " [7] - -	" -	?
X B. Shelf. II.			SECTION 27.		
	1	1	Archæoniscus Brodiei [8] -	Lower Purbeck.	Vale of Wardour.
	2	1	" " [8] -	" -	" "
	3	1	" [9] - - - -	" -	Durlstone Bay.
	4	1	Cypris - - - - -	" -	Stewkley.

[1] Presented by — Reynolds, Esq.
[2] Presented by S. P. Pratt, Esq.
[3] " — Hackney, Esq.
[4] " Mrs. Smyth.
[5] " the Marchioness of Westminster.
[6] " Dr. Stanger and the Rev. C. Erle.
[7] " T. Weaver, Esq.
[8] " Rev. P. B. Brodie.
[9] " the Rev. O. Fisher.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XB. Shelf.			SECTION 27.		
II.	5	1	Sialis - - - - - -	Lower Purbeck.	Durlstone Bay.
	6	1	Tipula - - - -	" -	" "
	7	2	Wings of Libellulidæ - -	" -	" "
	8	2	" " - -	" -	" "
	9	3	" " - -	" -	" "
	10	1	" " [1] - -	" -	Osmington.
	11	2	" " - -	" -	Vale of Wardour.
	12	1	Elytra of Coleoptera - -	" -	Durlstone Bay.
	13	2	" " - -	" -	" "
	14	1	" " - -	" -	" "
	15	1	" " - -	" -	Swanage.
III.	1	1	" " - -	" -	Durlstone Bay.
	2	2	" " - -	" -	" "
	3	1	" " - -	" -	" "
	4	1	" " - -	" -	" "
	5	1	" " - -	" -	" "
	6	4	" " - -	" -	" "
	7	2	Abdomen of Beetle - -	" -	" "
	8	4	Myrmeleon, Blatta, &c. [1] -	" -	Swanage.
IV.	1	8	Hemicidaris Purbeckensis -	Middle Purbeck.	Durlstone Bay.
	2	2	Cypridea fasciculata - -	" -	31 in H?
	3	2	" punctata - -	" -	Durlstone Bay.
	4	2	" " - -	" -	5 in B.
	5	1	" Valdensis [1] - -	" -	Ridgway.
	6	5	Cypris striato-punctata -	" -	Durlstone Bay.
	7	2	" Purbeckensis - -	" -	17 in O.
	8	5	Archæoniscus Brodiei [2] -	" -	Vale of Wardour.
	9	3	" " [2] -	" -	" "
	10	2	" [2] - - -	" -	Durlstone Bay.
	11	1	" [2] - - -	" -	" "
	12	1	" [2] - - -	" -	Swanage.
	13	5	Elytra of Coleoptera [2] - -	" -	"
	14	5	Insect Remains [2] - - -	" -	"
	15	2	Serpulites - - - -	" -	Durlstone Bay.
V.	1	2	Plant Remains - - -	Upper Purbeck.	Peveril Point.
	2	2	Cypridea tuberculata and Valdensis.	" -	Bacon Hole.
	3	1	" - - - -	" -	Mupes Bay, Dorsetshire

[1] Presented by the Rev. O. Fisher. [2] Presented by the Rev. P. B. Brodie.

UPPER GALLERY.

MESOZOIC DIVISION.

F.—OLDER MESOZOIC VERTEBRATA.

(Wall Cases 9 to 10A.)

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
IX.			SECTIONS 22, 23, 24.		
Shelf. I.	1	1	Chondrosteus acipenseroides	Lower Lias	Lyme Regis.
	2	1	" crassior - -	" -	"
	3	1	" - - - -	" -	"
	4	1	- - - - - -	-	
I.	1	1	Pholidophorus Bechii - -	Lower Lias	Lyme Regis.
	2	1	" " - -	" -	"
	3	1	" " - -	" -	"
	4	2	" " - -	" -	"
	5	1	" " - -	" -	"
	6	1	" pachysomus -	" -	"
	7	1	" latiusculus? -	" -	"
	8	1	" " -	" -	"
	9	1	" Stricklandi -	" -	Barrow on Soar.
	10	1	" crenulatus -	" -	Charmouth.
	11	1	" - - - - -	" -	Lyme Regis.
	12	1	" - - - - -	" -	"
	13	1	" - - - - -	" -	"
	14	1	" - - - - -	" -	"
	15	1	" - - - - -	" -	"
	16	1	" - - - - -	" -	"
	17	1	" - - - - -	" -	Barrow on Soar.
	18	1	" - - - - -	" -	Lyme Regis.
	19	1	" [1] - - - -	Upper Lias	Dumbleton.
	20	1	" [1] - - - -	" -	"
	21	1	" ornatus -	Purbecks	Swanage.
	22	1	" " - -	" -	"
	23	1	- - - - - -	Lower Lias	Lyme Regis.
	24	2	Ctenolepis cyclus [2] - -	Great Oolite	Stonesfield.
	25	1	Leptolepis caudalis - -	Lower Lias	Lyme Regis.
	26	1	" - - - - -	" -	"
	27	1	" - - - - -	" -	"
	28	2	" concentricus [3] -	Upper Lias	Gloucestershire.
	29	1	" [1] - - - - -	" -	Dumbleton.
	30	1	" macrophthalmus -	Oxford Clay	Christian Malford.
	31	1	" " -	" -	" "
	32	1	" " -	" -	Chippenham.
	33	1	" Brodiei [3] - -	Wealden	Vale of Wardour.

[1] Presented by Miss Holland. [2] Presented by the Earl of Enniskillen.
[3] Presented by the Rev. P. B. Brodie.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
IX. Shelf.			SECTIONS 22, 23, 24.		
II.	34	1	Thrissops - - - -	Kimmeridge Clay.	Near Freshwater meridge.
	35	1	" [1] - - - -	" -	Swalland House meridge.
III.	1	1	Eugnathus - - - -	Lower Lias	Lyme Regis.
	2	1	" - - - -	" -	"
	3	1	" - - - -	" -	"
	4	1	" - - - -	" -	"
	5	1	" minor - - -	" -	"
	6	1	Oxygnathus ornatus - -	" -	"
	7	1	" " - -	" -	"
	8	1	" " - -	" -	"
	9	1	" - - - -	" -	"
	10	1	Pachycormus latipennis -	" -	"
	11	1	" " -	" -	"
	12	1	" - - -	" -	"
	13	1	" - - - -	" -	"
	14	1	" - - - -	" -	"
	15	1	" ? macropterus	Upper Lias	Ilminster.
	16	1	- - - - - -	Lower Lias	Lyme.
	17	1	Cœlacanthus - - -	" -	"
	18	1	- - - - - -	Purbeck	Swanage.
IV.	1	1	Æchmodus Leachii - -	Lower Lias	Lyme Regis.
	2	1	" " - -	" -	"
	3	1	" arcuatus - -	" -	"
	4	1	" - - - -	" -	"
	5	1	" - - - -	" -	"
	6	1	" - - - -	" -	"
	7	1	" - - - -	" -	"
	8	1	Dapedius Colei - - -	" -	"
	9	1	" " - - -	" -	"
	10	1	" politus - - -	" -	"
	11	1	" " - - -	" -	"
	12	1	" " - - -	" -	"
	13	1	" granulatus - -	" -	"
	14	1	" punctatus - -	" -	"
	15	1	" - - - -	" -	"
	16	1	" - - - -	" -	"
V.	1	1	Lepidotus semiserratus - -	" -	Whitby.
	2	1	" fimbriatus - -	" -	Lyme Regis
	3	1	" " - -	" -	"
	4	1	" " - -	" -	"
	5	1	" " - -	" -	"
	6	1	" " - -	" -	"
	7	1	" serrulatus - -	" -	Barrow on
	8	5	" minor - - -	Purbeck	Swanage.
	9	3	" " - - -	" -	"
	10	1	" " - - -	" -	"
	11	1	" " - - -	" -	"
	12	1	" - - - -	" -	"
	13	3	" - - - -	" -	"

[1] Presented by E. H. Hopkins, Esq.

se.	Tablet.	Specimen.	Name.	Formation.	Locality.
IX.			SECTIONS 22, 23, 24.		
helf. VI.	1	1	Lepidotus minor - - -	Purbeck	Swanage.
	2	1	" Fittoni - - -	" -	Durlstone Bay.
	3	1	" Mantelli - -	Wealden	St. Leonards.
	4	6	" " - -	" -	"
	5	1	" " - -	" -	Brook Point.
	6	4	" - - - -	" -	Brook Bay, I. of Wight.
	7	1	" Fittoni[1] - -	Kimmeridge Clay.	Hardwick, Bucks.
	8	3	Saurichthys - - - -	Lias (Bone Bed).	Westbury on Severn.
	9	1	Microdon radiatus - -	Purbeck	Swanage.
	10	12	Pycnodus Bucklandi[2] - -	Great Oolite	Stonesfield.
	11	2	" [3] - - - -	" -	Minchinhampton.
	12	4	" - - - -	Forest Marble.	Frome.
	13	1	" - - - -	" -	"
	14	1	" - - - -	Coral Rag	Redcliff, nr. Weymouth.
	15	3	" - - - -	Portland Stone.	Isle of Portland.
	16	1	" Mantelli - -	Purbeck	Swanage.
	17	1	" " - -	" -	"
	18	1	" " - -	" -	"
	19	1	" - - - -	" -	"
	20	1	" - - - -	" -	"
	21	1	" - - - -	" -	"
	22	1	" - - - -	" -	"
	23	1	" - - - -	" -	1 mile East of Kingston.
	24	2	Belonostomus acutus - -	Lower Lias	Lyme Regis.
	25	1	" " - -	" -	"
	26	1	" " - -	" -	"
	27	1	" " - -	" -	"
	28	1	" " (cast) -	" -	Whitby.
	29	6	Aspidorhynchus euodus[4] -	Oxford Clay	Chippenham.
	30	1	" Fisheri -	Purbeck	Swanage.
	31	1	Pholidophorus ornatus -	" -	"
	32	1	Ophiopsis breviceps - -	Lower Purbeck.	Wockley, near Tisbury.
	33	1	pencillatus - -	" -	" "
	34	1	" " - -	" -	" "
	35	1	Dipteronotus cyphus - -	Keuper Sandstone.	Bromsgrove, Gloucestershire.
	36	1	" " - -	" -	" "
	37	2	Pleuropholis serratus - -	Purbeck	Near Aylesbury.
	38	2	Gyrodus - - - -	Kimmeridge Clay.	
			SECTIONS 25, 26, 27.		
lf.	1	1	Zamites microphyllus - -	Portland Stone.	Portland.
	2	1	" " - -	" -	"
	3	1	Wood - - - - -	" -	"

[1] Presented by the Rev. C. Erle.
[2] Presented by the Earl of Enniskillen.
[3] " J. Lycett, M.D.
[4] " S. P. Pratt, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
			SECTIONS 25, 26, 27.		
X. Shelf. I.	4	1	Pleurosternon concinnum -	Purbeck	Swanage.
	5	1	" latiscutatum -	" -	"
	6	1	" emarginatum -	" -	"
	7	1	" " -	" -	"
	8	1	" ovatum - -	" -	"
	9	1	Clathraria Lyellii - - -	Wealden	Tilgate Forest.
	10	1	Wood - - - - -	" -	Folkestone.
	11	1	Clathraria Lyellii [1] - -	" -	Isle of Wight.
	12	1	Endogenites erosa [2] - -	" -	Hastings.
	13	1	Endogenous Wood [3] - -	" -	
	14	1	Chelonia - -	" -	Tilgate Forest.
	15	1	[4] - - -	Lower Greensand.	Shanklin, I. of Wight.
			SECTION 25.		
II.	1	1	Squaloraia polyspondyla -	Lower Lias	Lyme Regis.
	2	1	Ischyodus Johnsoni ? [1] - -	" -	"
	3	1	Ceratodus - - - -	" -	Aust Passage, Bristol.
	4	1	" altus - - -	" -	" "
	5	2	" " - - -	" -	Aust Cliff, "
	6	1	" obtusus (cast) [5] -	" -	Aust Passage, "
III.	1	1	Hybodus basanus (Head of) -	Wealden	Brooke, I. of Wight.
	2	1	" - - - - -	Lower Lias	Lyme Regis.
	3	2	" reticulatus - -	" -	"
	4	12	" pyramidalis - -	" -	"
	5	3	" cuspidatus - -	" -	"
	6	4	" polyprion [6] - -	Great Oolite	Stonesfield.
	7	4	" grossiconus [6] - -	" -	"
	8	1	" [7] - -	Oxford Clay	Chippenham.
	9	4	" - - - - -	Purbeck	Swanage.
	10	3	" - - - - -	" -	"
	11	5	" - - - - -	" -	"
IV.	1	1	Sphenonchus hamatus (Hybodont defence).	New Red Sandstone.	High House, Warwick
	2	5	" " - -	Lower Lias	Lyme Regis.
	3	6	Strophodus magnus [8] - -	Great Oolite	Stonesfield.
	4	1	" " [9] - -	" -	Minchinhampton.
	5	5	" " - -	Forest Marble.	Frome.
	6	1	" subreticulatus [6] -	" -	Bradford,
	7	3	" - - - [9] -	Great Oolite	Minchinhampton.
	8	4	Acrodus - - - - -	Trias	Moor Court.
	9	1	" - - - - -	New Red Sandstone.	High House, Warwick
	10	5	" [10] - - -	Keuper Sandstone.	Pendock, near Ledbur

[1] Presented by Capt. Ibbetson, F.R.S.
[2] Presented by Dr. Percy.
[3] " the Marchioness of Hastings.
[4] " the Duke of Argyll.
[5] " Sir P. Egerton, Bart.
[6] " Lord A. Churchill.
[7] " S. P. Pratt, Esq.
[8] " the Earl of Enniskillen.
[9] " J. Lycett, M.D.
[10] " Rev. W. Symonds.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
			SECTION 25.		
X. Shelf. IV.	11	1	Acrodus Anningiæ - -	Lower Lias	Lyme Regis.
	12	13	" " and nobilis	" -	"
	13	8	" longidens - -	" -	"
	14	3	" ? - - -	Forest Marble.	Lower Stanton.
	15	4	" - - - -	" -	Near Casham.
V.	1	1	Hybodus reticulatus - -	Lower Lias	Lyme Regis.
	2	1	" " - -	" -	" "
	3	1	" " - -	" -	" "
	4	1	" " - -	" -	" "
	5	—	" " - -	" -	" "
	6	1	" " - -	" -	" "
	7	3	" " - -	" -	" "
	8	1	" " - -	" -	" "
	9	3	" " - -	" -	" "
	10	2	" " - -	" -	" "
	11	1	" grossispinus - -	" -	" "
	12	1	" - - - -	" -	" "
	13	1	" - - - -	" -	" "
VI.	1	1	" acutus - - -	Kimmeridge Clay.	Studley Wood.
	2	2	" strictus - - -	Purbeck	Swanage.
	3	1	" - - - - - -	" -	"
	4	1	Asteracanthus - - -	Coral Rag	Redcliff, near Weymouth.
	5	1	" ornatissimus -	Kimmeridge Clay.	Hardwick, Bucks.
	6	1	" verrucosus -	Purbeck	Swanage.
	7	2	" " -	" -	"
	8	1	" " -	" -	"
	9	1	Nemacanthus monilifer -	Lower Lias	?
	10	4	" " -	" -	Westbury-on-Severn.
	11	1	" - - - - -	" -	Aust Passage.
	12	1	" - - - - -	" -	Axmouth.
	13	1	Myriacanthus paradoxus -	" -	Lyme Regis.
	14	4	" " -	" -	" "
	15	1	Leptacanthus semistriatus -	Great Oolite	Stonesfield.
	16	1	Mass of spines and teeth of Acrodus and Hybodus.	Lower Lias	Lyme Regis.
	17	10	Acrodus[1] - - - - -	Keuper Sandstone.	Pendock, near Ledbury.
	18	1	- [2] - - - -	Kimmeridge Clay.	Near Aylesbury.
			SECTION 26.		
X A. Shelf. II.	1	3	Labyrinthodon - -		
	2	1	Teleosaurus Chapmanni -	Upper Lias	Whitby.

[1] Presented by the Rev. W. Symonds, Esq. [2] Presented by — Brandon, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
			SECTION 26.		
X A, Shelf. III.	1	1	Pliosaurus [1] - - - -	Oxford Clay	Chippenham.
	2	2	" [2] - - - -	Kimmeridge Clay.	Hardwick, Bucks.
	3	1	" - - - - -	" -	
	4	1	Plesiosaurus [3] - - -	Great Oolite	Stonesfield.
	5	3	" - - - - -	Lower Lias	Lyme Regis.
	6	1	Sacral vertebra of a large Lacertian Reptile.	Purbeck	Purbeck.
	7	1	Ichthyosaurus (Coprolite) -	Lias	Street, Somersetshire
	8	1	" - - - - -	" -	Westbury-on-Severn
	9	1	" - - - - -	Portland Sand.	Near Swindon.
IV.	1	1	Cast of foot of Iguanodon [4] -	Wealden	?
	2	1	Iguanodon Mantelli [5] - -	" -	Brook Ledge, Isle Wight.
	3	1	" - - - - -	" -	Brook Bay, Isle Wight.
	4	1	" - - - - -	" -	Cuckfield.
	5	1	" - - - - -	" -	Black Horse Quar Battle.
	6	1	Hylæosaurus - - -	" -	Tunbridge.
	7	1	Megalosaurus [5] - - -	Great Oolite	Stonesfield.
	8	1	" Bucklandi [3] -	Inferior Oolite.	Northampton.
	9	1	" - - -	Stonesfield Slate.	Stonesfield.
	10	1	" - - -	Wealden	St. Leonard's.
	11	1	" - - -	" -	Tilgate Forest.
	12	1	" - - -	" -	Groombridge.
	13	5	Saurichthys apicalis - -	Lower Lias	Westbury-on-Severn.
	14	3	" - - - -	" -	" "
	15	2	" - - - -	" -	Nempnint Hill, Somersetshire.
V.	1	6	Telerpeton Elginense [6] - -	New Red Sandstone.	Elgin, Morayshire.
	2	1	Tretosternon punctatum -	Purbecks	Swanage.
	3	1	Pleurosternon - - -	" -	"
	4	1	Chelonian bone - - -	" -	"
	5	1	- - - - - -	Wealden	
	6	1	Pterodactylus - - -	Lower Lias	Lyme Regis.
	7	1	" - - - -	" -	" "
	8	1	" - - - -	" -	" "
	9	1	Rhamphorhynchus Bucklandi [7]	Stonesfield Slate.	Sarsden, near Chipping Norton.
	10	1	" " [7]	" -	" "
	11	3	" " [8]	" -	Stonesfield.
	12	1	" " -	" -	"

[1] Presented by S. P. Pratt, Esq.
[2] Presented by C. Erle.
[3] " the Earl of Enniskillen.
[4] " — Beckles, Esq.
[5] " Capt. Cockburn.
[6] " W. Mantell, Esq.
[7] " Earl Ducie.
[8] " Dr. Rolleston.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
			SECTION 26.		
XA, Shelf. VI.	1	1	- - - - - -	Lower Lias	Whitby.
	2	1	Stagonolepis (cast) [1] - -	Trias.	Elgin.
	3	1	" " - -	" -	"
	4	1	" " - -	" -	"
	5	1	Teleosaurus - - - -	Lias	Whitby.
	6	1	" - - - -	Great Oolite	Enslow Bridge, Woodstock.
	7	1	" - - - -	Oxford Clay	North of Bedford.
	8	1	" - - - -	Portland Stone.	Brill.
	9	4	- - - - - -	Stonesfield Slate.	Stonesfield.
	10	2	Goniopholis - - -	Kimmeridge Clay.	Hardwick, Bucks.
	11	5	" crassidens - -	Purbecks	Swanage.
	12	2	" ? - - -	Wealden	Brook Bay, Isle of Wight.
	13	1	" [2] - - -	" -	
	14	1	Pœcilopleuron Bucklandi -	" -	Brook Point, Isle of Wight.
	15	2	Crocodilus [3] - - - -	Stonesfield Slate.	Stonesfield.
	16	6	" - - - - -	Forest Marble.	Gaesenton, Oxfordshire.
	17	1	" - - - - -	Coral Rag	Stanton, Wiltshire.
	18	1	" - - - - -	" -	Wheatley, Bucks.
	19	1	" - - - - -	Purbecks	Swanage.
	20	1	" - - - - -	Wealden	Hastings.
	21	1	" - - - - -	" -	Heathfield.
	22	1	" - [4] - - -	" -	Tilgate Forest.
	23	1	" - - - - -	" -	" "
	24	1	" - [5] - - -	" -	Cuckfield.
	25	1	" - - - - -	" -	Brook Point, Isle of Wight.

[1] Presented by Dr. Mantell.
[2] Presented by the Earl of Enniskillen.
[3] " Lord A. Churchill.
[4] " N. T. Wetherell, Esq.
[5] Presented by — Ward, Esq.

UPPER GALLERY.

MESOZOIC DIVISION.

CRETACEOUS SERIES. (Flat Cases 33 to 53.)

G.—LOWER CRETACEOUS GROUP. SECT. I.
FLAT CASES XXXIII to XXXIX.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXXIII.	1	1	Ostrea distorta (var.)	Wealden.	Hythe.
	2	1	Unio antiquus [1]	"	Hastings.
	3	2	" " [2]	"	Tunbridge.
	4	1	" cordiformis? [3]	"	East Cliff, Hastings.
	5	1	" subtruncatus [2]	"	Tunbridge.
	6	1	" Valdensis [4]	"	Brook Bay, I. of Wigh
	7	1	" compressus [3]	"	East Cliff, Hastings.
	8	2	" elongatus	"	Near Oxford.
	9	3	" "	"	"
	10	2	" Stricklandi	"	"
	11	2	" "	"	"
	12	3	" "	"	"
	13	1	" "	"	"
	14	1	"	"	"
	15	1	"	"	"
	16	1	Cyrena media	"	St. Leonard's Tunnel
	17	5	" "	"	S. of Wheatley, ne Oxford.
	18	1	" "	"	E. Cliff, Hastings.
	19	3	" "	"	" "
	20	1	" "	"	Near Oxford.
	21	4	" "	"	Haslemere.
	22	4	" "	"	St. Leonard's Tunnel.
	23	1	" "	"	"
	24	3	" "	"	"
	25	1	"	"	"
	26	2	"	"	"
	27	4	" elongata?	"	"
	28	1	"	"	Isle of Purbeck.
	29	1	"	"	Hastings.
XXXIV.	1	5	Paludina fluviorum	"	St. Leonard's Tunnel.
	2	1	" "	"	"
	3	7	" "	"	"
	4	1	" "	"	East Cliff, Hastings.
	5	1	" sp.	"	Compton Bay, Isle Wight.
	6	10	" " [5]	"	Hythe.

[1] Presented by S. W. Beecles, Esq. [2] Presented by J. W. Salter, Esq.
[3] " — Sharp, Esq. [4] " Dr. Mantell.
[5] Presented by H. B. Mackeson, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXXIV.	7	1	Paludina sp.[1] - - -	Wealden	Hythe.
	8	2	" " - - -	" -	1 m. S. of Wheatley, nr. Oxford.
	9	2	" " - - -	" -	St. Leonard's Tunnel.
XXXVI.	1	10	Terebratula sella - - -	Lower Greensand.	Atherfield, I. of Wight.
	2	5	" " - - -	" -	" "
	3	7	" " - - -	" -	Hythe.
	4	10	" " - - -	" -	" & East Shalford.
	5	10	" " - - -	" -	Lympne.
	6	8	" " - - -	" -	Langley (Sussex).
	7	6	" faba - - -	" -	Sandown, I. of Wight.
	8	8	" depressa - -	" -	Farringdon.
	9	18	" Toarcensis - -	" -	"
	10	6	" " - -	" -	"
	11	2	" " - -	" -	"
	12	3	" Robertoni - -	" -	"
	13	3	" oblonga - -	" -	Atherfield.
	14	14	" " - -	" -	Godalming.
	15	4	" prælonga - -	" -	Lympne.
	16	3	" " - -	" -	Godalming.
	17	4	" ovata - -	" -	Shanklin.
	18	5	" " - -	" -	Godalming.
	19		" Menardi - -	" -	Farringdon.
	20	9	Rhynchonella latissima -	" -	"
	21	3	" " - -	" -	"
	22	4	" " - -	" -	"
	23	3	" " - -	" -	"
	24	7	" nuciformis -	" -	"
	25	5	" " - -	" -	"
	26	8	" depressa - -	" -	"
	27	2	" sulcata - -	" -	Atherfield.
	28	5	" " - -	" -	Saltwood.
	29	4	" " - -	" -	Sandown.
	30	4	" Gibbsiana -	" -	Sandgate.
	31	10	" " - -	" -	Atherfield.
	32	9	" " - -	" -	*a.* Maidstone. *b.* Hythe. *c.* Sandgate. *d.* I. of Wight. *e.* Atherfield.
	33	1	" lata - -	" -	Peasmarsh.
	34	5	" " - -	" -	Sandown Flag Staff.
	35	13	" - - - -	" -	Hythe.
	36	15	" elegans - -	" -	Lympne.
	37	3	Lingula truncata - - -	" -	*a* Whale Chine. *b* Atherfield. *c* Sandown.
	38	1	Ostræa frons - - -	" -	Atherfield, I. of Wight.
	39	3	" " - - -	" -	" "
	40	2	" " - - -	" -	Lympne.
	41	7	Gryphæa (Ostræa) Ardennensis.	" -	Hythe.
	42	3	Anomia lævigata - -	" -	Lympne.
	43	1	" " - -	" -	Atherfield.
	44	1	" " - -	" -	Peasmarsh.

[1] Presented by H. B. Mackeson, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXXVI.	45	1	Anomia pseudoradiata - -	Lower Greensand.	East Shalford.
	46	11	Plicatula placunea - -	" -	Hythe.
	47	2	" " - - -	" -	Lympne.
	48	1	" - - -	" -	"
	49	2	Pecten quinquecostata - -	" -	"
	50	9	" " -	" -	Atherfield.
	51	4	" Rhotomagensis - -	" -	Lympne.
	52	3	" quadricostatus - -	" -	East Shalford.
	53	1	" - - - - -	" -	Court-at-street.
	54	3	" aptensis - -	" -	East Shalford.
	55	2	" circularis - -	" -	Lympne.
	56	1	Gervillia anceps[1] - - -	" -	Atherfield, I. of Wight.
	57	3	" " [1] - - -	" -	" "
	58	1	" solenoides[1] - -	" -	" "
	59	1	" Forbesiana - -	" -	Sandown.
	60	2	" linguloides - -	" -	Atherfield.
	61	1	Inoceramus - - - -	" -	Maidstone.
	62	1	" Neocomiensis -	" -	Lympne.
XXXVII	1	1	Perna[1] - - - -	" -	Atherfield, I. of Wight.
	2	3	" alæformis[1] - -	" -	" and Sandown.
	3	1	" " - - -	" -	Redcliff "
	4	1	" Mulleti[1] - - -	" -	E. of Reigate Station.
	5	1	" tetragona[1] - -	" -	Isle of Wight.
	6	2	Pinna tetragona[1] - -	" -	Atherfield, I. of Wight.
	7	1	" " [1] - - -	" -	" "
	8	1	" crassa - - -	" -	Lympne.
	9	1	" - - - - -	" -	Atherfield.
	10	2	" Robinaldina - -	" -	Hythe.
	11	1	" " - - -	" -	Saltwood Tunnel.
	12	2	Lima elongata - - -	" -	Atherfield, I. of Wight.
	13	5	" expansa - - -	" -	Lympne.
	14	2	" - - - - -	" -	Sandgate, Kent.
	15	2	Mytilus subsimplex - -	" -	Atherfield.
	16	1	" lanceolatus - -	" -	Sandown, I. of Wight.
	17	1	" sublineatus - -	" -	Sandgate.
	18	4	Modiola - - - -	" -	Lympne.
	19	1	" bella - - - -	" -	Maidstone.
	20	3	" æqualis - - -	" -	Atherfield, I. of Wight.
	21	6	Arca Raulini - - -	" -	" "
	22	2	" " - - - -	" -	" "
	23	1	" exaltata[1] - - -	" -	" "
	24	1	" " - - - -	" -	" "
	25	1	" - - - - -	" -	Lympne.
	26	3	" Austenii - - -	" -	East Shalford.
	27	3	" " - - -	" -	Atherfield.
	28	2	" Dupiniana - - -	" -	East Shalford.
	29	1	" carinata - - -	" -	Peasmarsh.
	30	2	Trigonia spectabilis - -	" -	Lympne.
	31	2	" dædalea[1] - - -	" -	Atherfield.
	32	1	" " [1] - - -	" -	" Redcliff.
	33	1	" nodosa[2] - - -	" -	Hythe.
	34	1	" - - - - -	" -	Atherfield.

[1] Presented by Dr. Fitton. [2] Presented by H. B. Mackeson, Esq.

ase.	Tablet.	Specimen.	Name.	Formation.	Locality.
XVII	35	1	Trigonia carinata [1] - -	Lower Greensand.	Atherfield.
	36	1	" " [1] - - -	" -	Hythe.
	37	2	" alæformis [2] - -	" -	"
	38	10	" " - - -	" -	Lympne.
	39	5	" " - - - -	" -	Atherfield.
	40	2	" " [1] - - -	" -	Isle of Wight.
	41	3	" caudata - -	" -	Lympne.
	42	4	" " [1] - - -	" -	Slopham & Atherfield.
	43	1	" " [1] - - -	" -	Atherfield.
	44	2	" sulcata - - -	" -	Sandown (Redcliff), I. of Wight.
	45	4	" ornata - - -	" -	Hythe.
	46	1	" spinosa - - -	" -	Sandown.
	47	2	" " - - -	" -	Hythe.
VIII	1	2	Diceras Lonsdalii [3] - -	" -	Devizes and Calne.
	2	2	" " - -	" -	Stoke Orchard, nr. Calne.
	3	2	" " - -	" -	" " "
	4	1	" " [4] - -	" -	Devizes.
	5	1	Cardium sphæroideum [5] -	" -	Sandown Bay.
	6	1	" [1] -	" -	Horseledge Point, Shanklin.
	7	1	" peregrinosum [1] -	" -	Atherfield.
	8	2	" subhillanum -	" -	Devizes.
	9	1	" Ibbetsoni -	" -	East Shalford.
	10	2	" -	" -	Coleshill, Arundel.
	11	1	" -	" -	Devizes.
	12	1	" Austeni -	" -	Lympne.
	13	2	- - - - - -	" -	Atherfield.
	14	1	Corbis corrugata [5] - -	" -	East Shalford.
	15	2	" " [2] - -	" -	Hythe.
	16	3	Lucina globiformis - -	" -	Atherfield.
	17	3	" " - -	" -	"
	18	2	" [1] - -	" -	Pulborough, Sussex.
	19	1	" - -	" -	Atherfield.
	20	1	" Dupiniana - -	" -	"
	21	3	" [1] - -	" -	"
	22	2	" [1] - -	" -	"
	23	2	" [1] - -	" -	Black Gang Chine.
	24	6	Astarte obovata - -	" -	Sandown.
	25	1	" " [2] - -	" -	Hythe.
	26	2	" " - - -	" -	Lympne.
	27	4	" - -	" -	Sandown & Atherfield.
	28	2	" substriata - - -	" -	Lympne.
	29	1	" " [1] - - -	" -	Sandown.
	30	5	" numismalis - -	" -	Atherfield.
	31	1	" [1] - - -	" -	"
	32	2	" transversus - -	" -	Lympne.
	33	2	" - - - - -	" -	East Shalford & Coleshill, Farringdon.
	34	2	Cardita - - - -	" -	Devizes.

[1] Presented by Dr. Fitton. [2] Presented by H. B. Makeson, Esq.
[3] " Sir E. H. Bunbury, Bart. [4] " S. P. Woodward, Esq.
[5] Presented by R. Godwin-Austen, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Local
XXXVIII	35	5	Cardita fenestrata - -	Lower Greensand.	Atherfield.
	36	1	" " - - -	" -	"
	37	2	Crassatella Robinaldina -	" -	Hythe.
	38	1	Cyprina - - -	" -	Atherfield.
	39	1	" angulata [1] - -	" -	"
	40	3	" " - - -	" -	"
	41	1	" " - - -	" -	Lympne.
	42	1	" " - - -	" -	Sandgate, K
	43	1	" " - - -	" -	East Shalfor
	44	2	" - - - -	" -	Sandown.
	45	5	" - - - -	" -	Hythe.
	46	11	Venus parva - - -	" -	*a* East Shalf borough, *c*
	47	6	" " - - -	" -	Atherfield.
	48	3	" " - - -	" -	"
	49	3	" " - - -	" -	Sandown.
	50	3	" " - - -	" -	Atherfield.
	51	5	" " - - -	" -	"
	52	2	" " - - -	" -	"
	53	1	" ovalis - - -	" -	Peasmarsh.
	54	2	" " - - -	" -	Pulborough field.
	55	1	" " [1] - - -	" -	Sandown.
	56	2	" " - - -	" -	"
	57	1	" Vectensis [1] - -	" -	Atherfield.
	58	2	" " [1] - - -	" -	"
	59	2	" - - - - -	" -	"
	60	8	" Orbigniana - -	" -	"
	61	1	" cornueliana - -	" -	East Shalfor
	62	1	" [1] - - - -	" -	Atherfield.
	63	6	" - - - -	" -	Lympne.
	64	1	Tellina [1] - - - -	" -	Atherfield.
	65	2	" - - - -	" -	Coleshill.
	66	2	" inæqualis - -	" -	Sandown.
	67	2	" angulata - -	" -	Atherfield.
	68	2	Solecurtus [2] - - -	" -	Saltwood Tu
	69		" Warburtoni [1] - -	" -	Near Horsel Isle of W
	70	1	" sp. - - -	" -	Atherfield.
XXXIX.	1	4	Panopæa plicata - - -	" -	"
	2	5	" " - -	" -	*a* E. Shalfor *c* Isle of V
	3	4	" " - -	" -	Atherfield.
	4	2	" " - -	" -	*a* Pulboroug Wight.
	5	2	" " [1] - -	" -	Shelford and
	6	2	" " [1] - -	" -	Atherfield.
	7	5	" " - -	" -	Court-at-stre Lympne, gate.
	8	1	" " [1] - -	" -	No. 25 & Isl
	9	2	" " - -	" -	Sandown.

[1] Presented by Dr. Fitton. [2] Presented by H. B. Mackeson,

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXXIX.	10	1	Panopæa Neocomiensis -	Lower Greensand.	Atherfield.
	11	1	" " [1] - -	" -	"
	12	1	" " - -	" -	"
	13	1	" " - -	" -	" Isle of Wight.
	14	1	" irregularis [1] - -	" -	Atherfield Clay, Isle of Wight.
	15	1	" - - - - -	" -	"
	16	3	" - - - - -	" -	Saltwood Tunnel.
	17	2	" rotundata - -	" -	Lympne.
	18	1	Thetis Sowerbii - - -	" -	Sandown.
	19	6	" " - - -	" -	"
	20	5	" " - - -	" -	Atherfield.
	21	4	Corbula striatula [1] - -	" -	East Shalford and Isle of Wight.
	22	3	" [2] - - - -	" -	Pulborough.
	23	2	Pholadomya Martini [1] -	" -	Near Pulborough.
	24	1	" " - -	" -	Atherfield.
	25	1	" Agassizii [1] - -	" -	"
	26	1	Anatina Rhodani - -	" -	"
	27	1	" Carteroni - -	" -	"
	28	2	Periploma Robinaldina -	" -	Maidstone and Pulborough.
	29	1	Pholas gigantea [3] - -	" -	Hythe.
	30	1	" ? prisca [4] - - -	" -	Maidstone.
	31	1	" - - - - -	" -	Hythe.
	32	1	" perforata [5] - -	" -	"
	33	2	" - - - - -	" -	East Shalford.
	34	1	" subcylindrica - -	" -	
	35	1	Nucula impressa [1] - -	" -	Near Pulborough.
	36	3	" - - - -	" -	Devizes.
	37	2	" antiquata - -	" -	East Shalford.
	38	5	" ovalis - - -	" -	Lympne.
	39	1	Leda scapha - - -	" -	Atherfield.
	40	2	" " - - - -	" -	"
	41	1	Tornatella (Actæon) affinis -	" -	"
	42	1	Emarginula Neocomiensis -	" -	"
	43	1	Pleurotomaria striata [3] -	" -	Hythe.
	44	1	Aporrhais Dupinianus - -	" -	Sandown.
	45	1	Scalaria Clementina - -	" -	Sandgate, Kent.
	46	1	Turritella [6] - - -	" -	Hazlemere.
	47	1	" [6] - - - -	" -	"
	48	1	Capulus [7] - - - -	" -	Shanklin, Isle of Wight.
	49	1	Natica Gentii - - -	" -	Atherfield, "
	50	2	" sublævigata - -	" -	"
	51	1	" sp. - - - -	" -	Sandgate, Kent.
	52	5	" lævigata - - -	" -	East Shalford.
	53	1	Pterocera Fittoni ? - -	" -	Maidstone.
	54	1	Rostellaria Robinaldina -	" -	Atherfield.
	55	6	" " - -	" -	East Shalford.
	56	7	" " - -	" -	Atherfield.
	57	1	" glabra - - -	" -	"

[1] Presented by Dr. Fitton. [2] Presented by J. G. Lowe, Esq.
[3] " H. B. Mackeson, Esq. [4] " Sir C. H. Bunbury, Bart., M.P.
[5] " Edward Clark, Esq. [6] " — Wyndham, Esq.
[7] Presented by Dr. Percy.

Cretaceous Series. (Drawers 36 to 49.)

UNDERNEATH THE FLAT CASES.

G.—LOWER CRETACEOUS GROUP. Sect. II.
Drawers XXXVI to XXXIX.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXXVI.	1	5	Terebratula sella - - -	Lower Greensand.	Sandown.
	2	2	" oblonga - -	" -	Farringdon.
	3	6	" Nerviensis -	" -	"
	4	9	" - - - -	" -	"
	5	1	" - - - -	" -	"
	6	3	Terebratella Menardi [1] - -	" -	"
	7	4	Rhynchonella latissima - -	" -	"
	8	2	" Nuciformis -	" -	"
	9	1	" - - -	" -	Hythe.
	10	15	Ostrea flabella - - -	" -	Lympne.
	11	2	" macroptera - -	" -	Farringdon.
	12	4	" larva - - -	" -	Hythe.
	13	8	Exogyra Boussingaultii -	" -	Lympne.
	14	1	" sinuata - - -	" -	Atherfield.
	15	1	Plicatula placunea - -	" -	Hythe.
	16	2	Pecten quinquecostatus -	" -	"
	17	6	" - - - - -	" -	"
	18	1	Hinnites Leymerici - -	" -	"
	19	1	" " - -	" -	W. of Whales Chine
	20	1	Gervillia aviculoides - -	" -	Hythe.
	21	1	" " - -	" -	Atherfield.
	22	2	" alæformis - -	" -	Hythe.
	23	2	" " - -	" -	Haslemere.
	24	1	" Forbeciana - -	" -	Sandown, Isle of Wight
	25	1	Inoceramus sulcatus - -	" -	Hythe.
	26	1	Perna Molleti [2] - - -	" -	Atherfield.
	27	3	Pinna tetragona - - -	" -	Hythe.
	28	13	Lima - - - - -	" -	Court et Street.
	29	2	Mytilus - - - -	" -	Atherfield.
	30	1	" - - - -	" -	"
	31	2	Arca Raulini - - -	" -	Haslemere.
	32	1	" " - - -	" -	Sandown, Isle of Wight
	33	1	" Carteroni - - -	" -	" "
	34	2	" - - - - -	" -	Coles hill, Farringdon
	35	1	" - - - - -	" -	Atherfield.
	36	1	Trigonia carinata - - -	" -	Hythe.
	37	2	" " - - -	" -	" and Lympne
	38	2	" ornata - - -	" -	Lympne.
	39	1	" - - - -	" -	Shanklin, Isle of Wight
	40	4	Cardium - - - -	" -	Haslemere.
	41	1	Lucina - - - - -	" -	"
XXXVII	1	1	Cyprina angulata - - -	" -	Hythe.
	2	3	" " - - -	" -	Lympne.

[1] Presented by Sir E. H. Bunbury, Bart. [2] Presented by Dr. Fitton.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XVII.	3.	4	Cyprina - - - -	Lower Greensand.	Haslemere.
	4	1	" - - - -	" -	Sandown, Isle of Wight.
	5	1	" - - - -	" -	Haslemere.
	6	3	" - - - -	" -	"
	7	4	" [1] - - - -	" -	Hythe.
	8	1	Solecurtus Warburtoni - -	" -	Atherfield.
	9	2	Panopæa - - - -	" -	East Shalford.
	10	11	Thetis Sowerbyi - - -	" -	Shanklin.
	11	1	Myacites plicata - - -	" -	Hythe.
	12	1	Cerithium Phillipsi, &c. -	" -	Atherfield.
	13	1	Pterocera Fittoni - - -	" -	"
	14	1	Rostellaria Robinaldina -	" -	
XIX.	1	4	Serpula plexus [2] - - -	" -	Atherfield, I. of Wight.
	2	1	" [2] - - - -	" -	" "
	3	1	Terebratula sella [2] - -	" -	" "
	4	1	Exogyra [2] - - - -	" -	" "
	5	2	Ostrea frons [2] - - -	" -	" "
	6	3	" " [2] - - -	" -	" "
	7	2	Gervillia alæformis [2] - -	" -	" "
	8	1	" anceps [2] - - -	" -	" "
	9	1	" solenoides [2] - -	" -	" "
	10	1	Pecten orbicularis [2] - -	" -	" "
	11	2	" elongatus [2] - -	" -	" "
	12	2	Modiola [2] - - - -	" -	" "
	13	1	Mytilus [2] - - - -	" -	" "
	14	2	Arca [2] - - - -	" -	" "
	15	4	" [2] - - - -	" -	" "
	16	2	Trigonia dædalea [2] - -	" -	" "
	17	1	" alæformis [2] - -	" -	" "
	18	1	Corbis [2] - - - -	" -	" "
	19	1	Lucina [2] - - - -	" -	" "
	20	1	" [2] - - - -	" -	" "
	21	1	Cyprina [2] - - - -	" -	" "
	22	1	" [2] - - - -	" -	" "
	23	1	" [2] - - - -	" -	" "
	24	2	" [2] - - - -	" -	" "
	25	4	" angulata [2] - -	" -	" "
	26	1	" " [2] - -	" -	" "
	27	1	" " [2] - -	" -	" "
	28	1	Panopæa Neocomiensis [2] -	" -	" "
	29	1	" [2] - - - -	" -	" "
	30	5	Thetis minor [2] - - -	" -	" "
	31	1	Pholadomya gigantea [2] -	" -	" "
	32	4	Myacites elongata [2] - -	" -	" "
	33	1	Nucula? [2] - - - -	" -	" "
	34	1	Pleurotomaria striata [2] - -	" -	" "
	35	1	Ammonites [2] - - -	" -	" "

[1] Presented by H. B. Mackeson, Esq. [2] Presented by Capt. Ibbetson, F.R.S.

Cretaceous Series. (Wall Cases 10b to 14.)

G.—LOWER CRETACEOUS GROUP. Sect. III.
Wall Cases Xb to XI.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
			Section 27.		
X b. Shelf. VI.	1	3	Equisetites Lyelli	Wealden	Paunceford.
	2	1	Sphenopteris gracilis	"	Huntley's Farm, T bridge.
	3	1	Lonchopteris Mantelli [1]	"	Hastings.
	4	2	Gyrogonites	"	Between Brixton Atherfield.
	5	2	Plant remains	"	Hastings.
	6	1	" "	"	Brook Point.
	7	1	" "	"	Hastings.
	8	1	Cone	"	Brook Bay.
	9	1	Cyprideа tuberculata [2]	"	Hythe.
	10	2	" "	"	Isle of Wight.
	11	2	" " [4]	"	Tunbridge Wells.
	12	1	" spinigera	"	Haslemere.
	13	6	" " [3]	"	Uckfield, Sussex.
	14	2	"	"	Isle of Wight.
	15	2	"	"	Haslemere.
	16	2	"	"	Isle of Wight.
	17	1	" Valdensis	"	" "
	18	2	" "	"	St. Leonard's.
	19	3	" "	"	Compton Bay.
	20	1	"	"	Isle of Wight.
	21	1	"	"	Hythe.
	22	7	Cythere faba	"	Hastings.
	23	6	Elytra of Coleoptera [5]	"	Vale of Wardour
			Sections 28, 29, 30.		
XI. Shelf. I.	1	1	Endogenites erosa	Lower Greensand.	Shanklin.
	2	1	Chondrites fastigiatus	"	Hythe.
	3	1	Protemys serrata [6]	"	Maidstone.
	4	1	Exogyra sinuata [7]	"	Sandgate.
	5	1	" "	"	"
	6	1	" "	"	Sandown.
	7	1	Perna Mulleti [1]	"	Compton Ba
	8	1	" " [1]	"	Atherfield.
	9	1	Pleurotomaria striata	"	Hythe.
	10	1	Ancyloceras gigas	"	Atherfield.
	11	1	" "	"	"

[1] Presented by Dr. Fitton.
[2] Presented by H. B. Mackes
[3] " Mrs. Day.
[4] " Prof. J. Morr
[5] " Rev. P. B. Brodie.
[6] " Capt. Guise.
[7] Presented by R. B. Jenner, Esq.

ase.	Tablet.	Specimen.	Name.	Formation.	Locality.
XI.			SECTIONS 28, 29, 30.		
elf.					
I.	12	1	Crioceras Bowerbankii [1] -	Lower Greensand.	Atherfield.
	13	1	" " [2] - -	" -	"
	14	1	" " - -	" -	"
	15	1	" " [2] - -	" -	"
	16	1	" " - -	" -	Lympne.
	17	1	" " - -	" -	Hythe.
	18	1	" " [3] - -	" -	"
	19	1	" - -	" -	Lympne.
I.	1	1	Pinites (Cone) - - -	" -	Atherfield.
	2	1	Conodrites fastigiatus [2] -	"	
	3	7	Endogenus Wood - - -	" -	Farringdon.
	4	1	Wood - - - - -	" -	Hythe.
	5	1	" - - - - -	" -	"
	6	5	Chenendopora fungiformis -	" -	Farringdon.
	7	5	" " [4] -	" -	"
	8	1	" " [5] -	" -	"
	9	6	" " [4] -	" -	"
	10	5	Jerea Desnoyeri - - -	" -	"
	11	6	Scyphia [4] - - - -	" -	"
	12	10	Verticillopora anastomosans [4]	" -	"
	13	4	Spongia emarginata - -		
	14	1	Spongia [6] - - - -	" -	Farringdon.
	15	1	Parastræa stricta [1] - -	" -	Atherfield.
	16	2	" " - - -	" -	Haldon.
	17	5	Holocystis elegans - -	" -	Atherfield.
	18	4	" " - -	" -	Haldon.
	19	4	" " - -	" -	Haslemere.
	20	1	" " - -	" -	Shanklin.
	21	1	" " - -	" -	Sandown.
	22	1	" - - - -	" -	Atherfield.
	23	1	" - - - -	" -	Haldon.
	24	1	" - - - -	" -	"
	25	1	- - - - -	" -	East Shalford.
	26	18	Pentacrinus - - - -	" -	Lympne, near Hythe.
	27	3	Salenia punctata - - -	" -	Hythe.
	28	1	" " - - -	" -	Lympne.
	29	1	" " - - -	" -	Sandown.
	30	5	" " - - -	" -	Farringdon.
	31	15	" " - - -	" -	"
	32	1	Diadema Mackesoni [3] - -	" -	Hythe.
	33	1	" " [3] - -	" -	"
	34	1	" " - -	" -	Lympne.
	35	3	" " - -	" -	"
	36	3	" variolare - -	" -	Farringdon.
	37	2	Discoidea subuculus - -	" -	Lympne.
	38	10	" " - -	" -	"

[1] Presented by Capt. Ibbetson, F.R.S.
[3] " H. B. Mackeson, Esq.
[5] " Prof. J. Morris.
[2] Presented by Dr. Fitton.
[4] " Sir E. H. Bunbury, Bart.
[6] " — Stocker.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XI.			SECTIONS 28, 29, 30.		
Shelf. II.	39	2	Goniopygus Peltatus [1] -	Lower Greensand.	Farringdon.
	40	12	Cidaris marginata - - -	" -	"
	41	30	" coronatus - -	" -	"
	42	4	" " - -	" -	"
	43	4	Catopygus carinatus - -	" -	Lympne.
	44	5	Hemipneustes Fittoni - -	" -	Sandown & Atherfiel
	45	3	" " - -	" -	" "
	46	5	" " [2] - -	" -	Atherfield.
	47	2	" " - -	" -	Hythe.
	48	1	" " - -	" -	"
	49	2	" " - -	" -	Shanklin.
	50	1	" " [3] - -	" -	
	51	3	Cardiaster Benstedi - -	" -	*a b* Maidstone; *c* Hyt
	52	1	" " - -	" -	Hythe.
	53	3	" " - -	" -	Sandown.
	54	1	"	" -	Hythe.
	55	1	"	" -	Haslemere.
	56	1	Serpula plexus [1] - -	" -	Maidstone.
	57	1	" " [2] - - -	" -	West of Whales, Isl Wi
	58	3	" " - - -	" -	Atherfield, "
	59	1	" filiformis - -	" -	Hythe.
	60	1	" " - - -	" -	"
	61	1	" " - - -	" -	"
	62	1	" " - - -	" -	Lympne.
	63	7	" " - - -	" -	"
	64	1	" " - - -	" -	Sandown.
	65	2	" tuba - - -	" -	Hythe.
	66	1	" " - - -	" -	"
	67	1	" [1] - - -	" -	Maidstone.
	68	1	" [1] - - -	" -	"
	69	1	" - - -	" -	East Shalford.
	70	3	" - - -	" -	Atherfield.
	71	1	" - - -	" -	"
	72	1	" - - -	" -	"
	73	1	Vermicularia polygonalis -	" -	"
	74	8	" - -	" -	Lympne.
	75	12	" - -	" -	"
	76	1	Vermilia ampullacea [1] -	" -	Hythe.
III.	1	1	Xanthosia - - - -	"	Shanklin, Isle of Wi
	2	2	Mithracites Vectensis [1] -	" -	Atherfield "
	3	3	Astacodes falcifer [2] - -	" -	" "
	4	5	Meyeria Vectensis - -	" -	" "
	5	5	" " - - -	" -	" "
	6	4	" " - - -	" -	" "
	7	1	Hoploparia longimana [4] -	" -	"
	8	1	" " [5] - -	" -	Blackgang Chine, of Wight.

[1] Presented by Sir E. H. Bunbury, Bart. [2] Presented by Dr. Fitton.
[3] " R. Godwin-Austen, Esq. [4] " Sir R. I. Murchison
[5] Presented by T. N. Walsh, Esq.

Specimen.	Name.	Formation.	Locality.
	SECTIONS 28, 29, 30.		
7	Belemnites semicanaliculatus.	Lower Greensand.	Hythe.
1	" "	" -	Lympne.
1	Belemnitella lanceolata [1] -	" -	Hythe.
1	Nautilus undulatus [2] - -	" -	Nutfield.
1	" pseudo-elegans -	" -	Hythe.
1	" inæqualis [1] - -	" -	"
1	" Saxbii [3] - -	" -	Isle of Wight.
1	" radiatus [4] - -	" -	"
1	" " [4] - -	" -	"
2	Ammonites Deshayesii -	" -	Hythe.
6	" " -	" -	Atherfield.
1	" " -	" -	Sandown.
1	" " -	" -	Lympne.
2	" " [4] -	" -	Isle of Wight.
1	" " [4] -	" -	Whales Chine, Isle of Wight.
1	" interruptus [4] -	" -	Isle of Wight.
1	" " -	" -	Folkestone.
1	" mammillaris -	" -	
1	" Cornuelianus [1] -	" -	Hythe.
4	" Hambrovii -	" -	Isle of Wight.
1	" Martinii [1] -	" -	Hythe.
2	" " -	" -	Atherfield.
1	" Nutfieldiensis [4] -	" -	Near Palboro'.
1	"	" -	Atherfield.
2	" [5]	" -	Folkestone.
1	Hamites attenuatus [5] -	" -	Sandgate.
1	" " [1] -	" -	Hythe.
1	" dissimilis - -	" -	Lympne.
1	" - - - -	" -	Hythe.
1	" [6] - -	" -	Maidstone.
1	" - -	" -	Sandown.

CRETACEOUS SERIES. (Flat Cases 33 to 53.)

H.—UPPER CRETACEOUS GROUP. SECT. I.
FLAT CASES XL. to LIII.

Specimen.	Name.	Formation.	Locality.
3	Terebratula oculea [7] - -	Gault or Speeton Clay.	Speeton.
1	Rhynchonella [7] - - -	" -	"

nted by H. B. Mackeson, Esq. [2] Presented by Prof. E. Forbes.
" Capt. Ibbetson, F.R.S. [4] " Dr. Fitton.
" Edward Clark, Esq. [6] " Sir E. H. Bunbury, Bart.
[7] Presented by the Marchioness of Hastings.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XL.	3	3	Rhynchonella [1] - - -	Gault or SpeetonClay.	Speeton.
	4	1	Lingula lucida [1] - -	" -	"
	5	2	Ostrea athletica [1] - -	" -	"
	6	1	" " [1] - - -	" -	"
	7	2	Exogyra sinuata [1] - -	" -	"
	8	3	" costata [1] - -	" -	"
	9	1	minima [1] - -	" -	"
	10	1	Pecten Speetoniensis [1] - -	" -	"
	11	1	Avicula pectinata [1] - -	" -	"
	12	2	" inflata [1] - -	" -	"
	13	2	" felina [1] - - -	" -	"
	14	4	Inoceramus venustulus [1] -	" -	"
	15	5	" imbricatus [1] -	" -	"
	16	1	Pinna gracilis [1] - - -	" -	"
	17	1	Lima puncturata [1] - -	" -	"
	18	1	" acuticosta [1] - -	" -	"
	19	3	Cucullæa margaritacea [1] -	" -	"
	20	3	Kellia [1] - - - -	" -	"
	21	2	Cardium striatulum [1] - -	" -	"
	22	2	Astarte senecta [1] - -	" -	"
	23	3	" " [1] - -	" -	"
	24	10	Isocardia angulata [1] - -	" -	"
	25	2	Venus maxima [1] - -	" -	"
	26	1	Corbula punctum [1] - -	" -	"
	27	2	Panopæa Speetoniensis [1] -	" -	"
	28	2	" " [1] - -	" -	"
	29	1	Thetis [1] - - - -	" -	"
	30	3	Pholas constricta [1] - -	" -	"
	31	1	" [1] - - - -	" -	"
	32	2	Nucula æquilateralis [1] -	" -	"
	33	2	" subangulata [1] -	" -	"
	34	3	" ovata [1] - -	" -	"
	35	4	" cordifera [1] - -	" -	"
	36	1	Leda pandata [1] - - -	" -	"
	37	1	Actæon (Tornatella) simplex.[1]	" -	"
	38	2	Emarginula fissaria [1] - -	" -	"
	39	2	Trochus complicatus [1] -	" -	"
	40	1	" aratus [1] - -	" -	"
	41	1	" [1] - -	" -	"
	42	4	" antiquus [1] - -	" -	"
	43	2	" pulcherimus [1] -	" -	"
	44	1	Cerithium aculeatum [1] -	" -	"
	45	2	" " [1] - -	" -	"
	46	3	Vermetus Sowerbyi [1] - -	" -	"
	47	1	Rissoa gigantea [1] - - -	" -	"
	48	3	Rostellaria composita [1] -	" -	"
	49	1	" [1] - -	" -	
	50	1	" [1] - -	" -	"
	51	2	" nodulosa [1] -	" -	"
	52	1	" candidula [1] -	" -	"

[1] Presented by the Marchioness of Hastings.

Tablet.	Specimen.	Name.	Formation.	Locality.
1	2	Terebratula biplicata [1] -	Gault	Folkstone.
2	5	" " [2] - -	" -	Cambridge.
3	4	" " [2] - -	" -	"
4	2	" " - -	" -	Folkstone.
5	2	" - - - -	" -	"
6	9	" [3] - - -	" -	West Norfolk.
7	1	" - - - -	" -	Folkstone.
8	3	Kingæna lima - - -	" -	"
9	3	" " - -	" -	"
10	4	Rhynchonella sulcata [2] -	" -	"
11	2	" " - -	" -	"
12	5	Ostrea [3] - - -	" -	West Norfolk.
13	4	Anomia [1] - - - -	" -	Folkstone.
14	1	Exogyra - - - -	" -	"
15	1	Pecten Raulinianus [1] - -	" -	"
16	1	" orbicularis - -	" -	Lyme Regis.
17	1	" Dutemplei [1] - -	" -	Cambridge.
18	1	" sp. [1] - - -	" -	Folkstone.
19	1	Plicatula pectinoides - -	" -	"
20	4	" " [2] - -	" -	Cambridge.
21	4	" " - -	" -	Folkstone.
22	3	" " - -	" -	"
23	1	" " - -	" -	"
24	1	" " - -	" -	"
25	1	" " - -	" -	"
26	1	" " - -	" -	"
27	1	" " - -	" -	"
28	1	" - - - -	" -	"
29	1	Spondylus striatus [2] - -	" -	Cambridge.
30	1	Pinna - - - - -	" -	Folkstone.
31	2	" tetragona - -	" -	Black Venn, Lyme Regis.
32	1	" " - -	" -	" "
33	2	" " - -	" -	Folkstone.
34	2	" - - - - -	" -	"
35	2	" [2] - - - -	" -	"
36	1	Gervillia solenoides [1] -	" -	"
37	2	" " - -	" -	"
38	1	Inoceramus concentricus [1] -	" -	"
39	1	" " -	" -	"
40	4	" " -	" -	"
41	1	" " -	" -	"
42	5	" " -	" -	"
43	9	" " [1] -	" -	"
44	1	" " -	" -	Black Venn, Lyme Regis.
45	1	" " -	" -	Golden Cap.
46	4	" sulcatus [1] -	" -	Folkstone.
47	6	" " [1] - -	" -	"
48	1	" " - -	" -	"
49	2	" " - -	" -	"

[1] Presented by E. Clark, Esq. [2] Presented by Sir E. H. Bunbury, Bart.
[3] Presented by C. B. Rose, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XLI.	50	5	Inoceramus sulcatus - -	Gault -	
	51	4	„ Coquandianus [1] -	„ -	Cambridge.
	52	1	Lima parallela - - -	„ -	Folkstone.
	53	1	„ „ [2] - - -	„ -	Maidstone.
	54	2	„ „ - - -	„ -	Black Venn, Lyme Regis.
	55	5	„ „ - - -	„ -	Golden Cap.
	56	1	„ „ - - -	„ -	Folkstone.
XLII.	1	1	Mytilus - - - -	„ -	„
	2	1	„ - - - -	„ -	„
	3	1	„ - - - -	„ -	„
	4	1	„ siliqua - - -	„ -	Black Venn, Lyme Regis.
	5	1	Arca costellata [3] - - -	„ -	Folkstone.
	6	2	„ Hugardiana [3] - -	„ -	„
	7	2	„ [2] - - - - -	„ -	Maidstone.
	8	1	„ fibrosa [2] - - -	„ -	Folkstone.
	9	2	„ nana [2] - - - -	„ -	Maidstone.
	10	1	„ - - - - -	„ -	Folkstone.
	11	2	Cucullæa - - - -	„ -	„
	12	1	„ - - - -	„ -	„
	13	1	„ - - - -	„ -	„
	14	2	„ carinata - -	„ -	Black Venn, Lyme Regis.
	15	1	Pectunculus - - - -	„ -	Folkstone.
	16	1	Trigonia Fittoni [4] - - -	„ -	„
	17	4	Lucina [3] - - - -	„ -	„
	18	3	Cardita tenuicosta - -	„ -	„
	19	3	„ „ [2] - -	„ -	Maidstone.
	20	6	„ „ [3] - -	„ -	Folkstone.
	21	2	„ - - - - -	„ -	„
	22	1	Venus submersa? - - -	„ -	Black Venn, Lyme Regis.
	23	1	Cytherea - - - -	„ -	Folkstone.
	24	1	„ - - - -	„ -	„
	25	3	Tellina Mooreiana - -	„ -	Maidstone; 1, Folkstone.
	26	1	„ inæqualis - - -	„ -	Black Venn, Lyme Regis.
	27	1	„ „ - - -	„ -	„ „
	28	1	Solecurtus - - - -	„ -	„ „
	29	1	„ - - - -	„ -	„ „
	30	1	„ - - - -	„ -	Folkstone.
	31	4	Pholas constricta - - -	„ -	„
	32	7	Gastrochæna pyriformis -	„ -	„
	33	4	Corbula striatula - - -	„ -	„
	34	6	Nucula pectinata - - -	„ -	„
	35	6	„ „ [1] - - -	„ -	Maidstone.
	36	6	„ „ [2] - - -	„ -	Folkstone.
	37	2	„ „ - - -	„ -	„

[1] Presented by L. Barrett, Esq.
[2] Presented by Sir F. H. Bunbury, Bart.
[3] „ E. Clark, Esq.
[4] „ H. B. Mackeson, Esq.

se.	Tablet.	Specimen.	Name.	Formation.	Locality.
.II.	38	6	Nucula bivirgata - - -	Gault -	Folkstone.
	39	1	" " - - -	" -	"
	40	2	" subrecurva - -	" -	"
	41	8	" ovata [1] - - -	" -	"
	42	3	" " [2] - - -	" -	Maidstone.
	43	1	" " - - -	" -	Folkstone.
	44	1	Actæon affinis - - -	" -	"
	45	8	" " - - -	" -	"
	46	4	" " - - -	" -	"
	47	1	" " - - -	" -	"
	48	6	" " [2] - - -	" -	" (*a*) Maidstone.
	49	2	Dentalium decussatum - -	" -	"
	50	2	" " - -	" -	"
	51	1	" " - -	" -	"
	52	2	" " [3] - -	" -	Shalford, Surrey.
	53	1	" ellipticum - -	" -	Folkstone.
	54	1	" " [2] - -	" -	"
	55	3	" medium [1] - -	" -	Maidstone.
	56	3	" [1] - - - - -	" -	Folkstone.
	57	2	Cerithium [1] - - - -	" -	"
	58	3	" [1] - - - - -	" -	"
	59	1	Pleurotomaria Gibbsi - -	" -	"
	60	1	" Gurgitis [1] -	" -	"
	61	2	Solarium [2] - - - -	" -	"
	62	1	" - - - -	" -	"
	63	1	" - - - -	" -	"
	64	2	" ornatum [1] - -	" -	"
	65	4	" " [2] - - -	" -	Maidstone.
	66	3	" conoideum [1] - -	" -	Folkstone.
	67	3	" [2] - - - -	" -	Cambridge.
	68	2	" - - - - -	" -	Folkstone.
	69	1	Scalaria Dupiniana [1] - -	" -	"
	70	1	" - - - -	" -	"
	71	1	" [1] - - - -	" -	"
	72	2	Turritella granulata - -	" -	Lyme Regis.
	73	1	" - - - -	" -	Folkstone.
	74	1	" [1] - - - -	" -	"
	75	2	" [4] - - - -	" -	"
	76	2	Natica Gaultina - - -	" -	"
	77	1	" " - - -	" -	"
	78	1	" - - - - -	" -	"
	79	5	" canaliculata [1] - -	" -	"
II.	1	2	Rostellaria carinata [2] - -	" -	"
	2	1	" " - -	" -	"
	3	2	" " - -	" -	"
	4	4	" " - -	" -	"
	5	2	" " - -	" -	"
	6	1	" " - -	" -	"
	7	1	" " - -	" -	"
	8	4	" " [1] - -	" -	"

[1] Presented by E. Clark, Esq.
" R. Godwin-Austen, Esq.
[2] Presented by Sir E. H. Bunbury, Bart.
[4] " E. F. Cockburn, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XLIII.	9	1	Rostellaria carinata - -	Gault -	Folkstone.
	10	2	" bicarinata - -	" -	Black Venn, Lyme Regis.
	11	2	" buccinoides [1] -	" -	Folkstone.
	12	2	" [1] - - - -	" -	"
	13	1	" - - - -	" -	"
	14	2	Fusus? - - - -	" -	"
	15	1	" - - - -	" -	"
	16	2	Pyrula Smithii [1] - - -	" -	"
XLIV.	1	2	Ostrea carinata [2] - - -	Upper Greensand?	Blackdown.
	2	3	" - - - - -	" -	"
	3	2	" - - - - -	" -	"
	4	5	Exogyra undata [2] - - -	" -	"
	5	10	" conica [2] - - -	" -	"
	6	9	" " - - -	" -	"
	7	10	" " - - -	" -	"
	8	6	Pecten quinquecostatus [2] -	" -	"
	9	1	" Milleri [2] - - -	" -	"
	10	1	" [2] - - - -	" -	"
	11	1	Avicula anomala [2] - -	" -	"
	12	1	Gervillia anceps - - -	" -	"
	13	5	" " [2] - - -	" -	"
	14	2	" " [3] - - -	" -	"
	15	2	" " - - -	" -	"
	16	2	" " - - -	" -	"
	17	1	" rostrata - - -	" -	"
	18	2	Pinna tetragona - - -	" -	"
	19	1	" " [2] - -	" -	"
	20	6	Inoceramus concentricus [2] -	" -	"
	21	6	" " -	" -	Black Venn, Lyme Regis.
	22	3	" " [2] -	" -	" "
	23	3	" " -	" -	" "
	24	5	Mytilus tridens [2] - - -	" -	Blackdown.
	25	2	" striato-costatus [1] -	" -	"
	26	2	Modiola reversa? [2] - -	" -	"
	27	4	" " [2] - -	" -	"
	28	2	Lithodomus - - - -	" -	"
	29	14	Cucullæa costellata [2] - -	" -	"
	30	9	" fibrosa - - -	" -	"
	31	4	" " [2] - - -	" -	"
	32	9	" " [2] - - -	" -	"
	33	17	Pectunculus sublævis [2] - -	" -	"
	34	1	" " - -	" -	"
	35	1	" umbonatus -	" -	"
	36	14	Trigonia alæformis [2] - -	" -	"
	37	12	" caudata - - -	" -	"
	38	6	" excentrica - -	" -	"
	39	2	" dædalea [2] - -	" -	"

[1] Presented by E. Clark, Esq. [2] Presented by Sir E. H. Bunbury, Bart.
[3] Presented by S. P. Pratt, Esq.

?.	Tablet.	Specimen.	Name.	Formation.	Locality.
V.	40	6	Trigonia dædalea [1] - -	Upper Greensand ?	Blackdown.
	41	1	" - - - -	" -	"
	42	1	" spinosa [1] - -	" -	"
V.	1	2	Cardium proboscideum [1] -	" -	"
	2	3	" " [1] -	" -	"
	3	7	" Hillanum - -	" -	"
	4	4	" " [1] - -	" -	"
	5	2	" - - - -	" -	"
	6	2	" - - - -	" -	"
	7	2	Lucina orbicularis [1] - -	" -	"
	8	3	" - -	" -	"
	9	4	" pisum [1] - - -	" -	"
	10	2	Astarte obovata - - -	" -	"
	11	3	" striata [1] - - -	" -	"
	12	1	" " - - -	" -	"
	13	17	" formosa - - -	" -	"
	14	3	Cyprina angulata [1] - -	" -	"
	15	1	" " - - -	" -	"
	16	1	" " [1] - - -	" -	"
	17	2	" " - - -	" -	"
	18	3	" rostrata [1] - - -	" -	"
	19	7	" cuneata [1] - -	" -	"
	20	7	" " - - -	" -	"
	21	4	Cytherea plana [1] - - -	" -	"
	22	4	" " - - -	" -	"
	23	1	" subrotunda - -	" -	"
	24	13	" caperata [1] - -	" -	"
	25	5	Venus sublævis - - -	" -	"
	26	4	" " [1] - - -	" -	"
	27	2	" - - - -	" -	"
	28	2	" submersa - - -	" -	"
	29	9	Mactra angulata - - -	" -	"
	30	5	" " - - -	" -	"
	31	4	Tellina inæqualis [1] - -	" -	"
	32	6	" striatula - - -	" -	"
	33	1	Psammobia - - - -	" -	Haldon.
	34	1	Thetis minor [1] - - -	" -	Blackdown.
	35	5	" " - - -	" -	"
	36	4	Corbula (Poromya) gigantæa	" -	"
	37	1	" " [2]	" -	"
	38		" elegans - -	" -	"
	39		" truncata - -	" -	"
	40		" - - - -	" -	"
	41		Thracia - - - -	" -	"
	42		Myacites [1] - - - -	" -	"
	43		Nucula obtusa [1] - - -	" -	"
	44		" impressa - - -	" -	"
	45		" antiquata - - -	" -	"
	46		Leda lineata - - - -	" -	"
VI.	1	8	Actæon affinis [1] - - -	" ? -	"
	2	8	" " [1] - - -	" -	"

[1] Presented by Sir H. E. Bunbury, Bart. [2] Presented by R. Godwin-Austen, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XLVI.	3	2	Ringinella incrassata [1] - -	Upper Greensand?	Blackdown.
	4	2	Dentalium [1] - - - -	" -	"
	5	17	" cylindricum -	" -	"
	6	8	" medium - -	" -	"
	7	3	Phasianella [1] - - -	" -	"
	8	4	" [1] - - -	" -	"
	9	5	" [1] - - -	" -	"
	10	2	" [1] - - -	" -	"
	11	2	Cerithuim - - - -	" -	"
	12	2	" - - - -	" -	"
	13	3	Littorina - - - -	" -	"
	14	4	" gracilis - - -	" -	"
	15	4	" monilifera [1] - -	" -	"
	16	2	Turritella granulata [1] - -	" -	"
	17	23	" " [1] - -	" -	"
	18	1	Vermetus - . - -	" -	"
	19	5	Natica Gaultina [1] - -	" -	"
	20		" " - - -	" -	"
	21	2	Scalaria Dupiniana [1] - -	" -	"
	22	4	Murex calcar [1] - - -	" -	"
	23	18	" " - - -	" -	"
	24	1	Fusus rigidus - - -	" -	"
	25	1	Pyrula [1] - - - -	" -	"
	26	7	Rostellaria calcarata [1] - -	" -	"
	27	32	" " - -	" -	"
	28	16	" " - -	" -	"
	29	2	" " - -	" -	"
	30	4	" Parkinsoni -	" -	"
	31	1	" " [1] -	" -	"
	32	10	" - - - -	" -	"
	33	6	Terebratula obtusa [1] - -	" -	Cambridge.
	34	7	" " - -	" -	"
	35	6	" biplicata - -	" -	Warminster.
	36	2	" " - -	" -	"
	37	10	" " - -	" -	"
	38	13	" " - -	" -	"
	39	6	" " - -	" -	Cambridge.
	40	13	" ovata - -	" -	Warminster.
	41	6	" " - -	" -	"
	42	5	Terebrirostra lyra - -	" -	"
	43	15	Terebratella pectita - -	" -	"
	44	15	" " - -	" -	"
	45	12	Terebratulina gracilis - -	" -	" Cambridge
	46	3	" striata- - -	" -	"
	47	18	" " - -	" -	Cambridge.
	48	12	Argiope megatrema - -	" -	"
	49	12	Rhynchonella compressa -	" -	Warminster.
	50	11	" " -	" -	"
	51	15	" " -	" -	"
	52	2	" " -	" -	"
	53	4	" latissima -	" -	"
	54	5	" sulcata - -	" -	Cambridge.
	55	23	" Grasiana -	" -	Warminster.

[1] Presented by Sir E. H. Bunbury, Bart.

se.	Tablet.	Specimen.	Name.	Formation.	Locality.
VI.	56	10	Rhynchonella - - -	Upper Greensand.	Warminster.
	57	7	" - - - -	" -	"
	58	9	Kingæna lima - - -	" -	"
	59	6	" " - - -	" -	Cambridge.
II.	1	1	Ostrea frons - - -	" -	Near Folkstone.
	2	1	" [1] - - - -	" -	Isle of Wight.
	3	1	" [1] - - - -	" -	Devizes.
	4	1	" haliotoidea [2] - -	" -	Isle of Wight.
	5	6	" carinata - - -	" -	Warminster.
	6	1	" flabellata [2] - -	" -	Ventnor.
	7	6	Exogyra columba [2] - -	" -	Weymouth.
	8	7	" conica [2] - - -	" -	Osmington Mills, Weymouth.
	9	8	" " - - -	" -	Warminster.
	10	10	" " - - -	" -	"
	11	1	" laciniata - - -	" -	Evershot, Dorsetshire.
2	12	2	" lævigata - - -	" -	Weymouth. Swana
	13	2	Plicatula inflata [2] - -	" -	Isle of Wight.
	14	6	" " - - -	" -	Warminster.
	15	2	" pectenoides [2] - -	" -	Cambridge.
	16	2	" " [2] - -	" -	"
	17	2	Pecten quadricostatus [2] -	" -	Weymouth.
	18	3	" " [2] -	" -	"
	19	1	" " [2] -	" -	Hill Top, Osmington Mills.
	20	1	" " -	" -	Devizes.
	21	12	" quinquecostatus -	" -	Warminster.
	22	1	" " - -	" -	Evershot.
	23	6	" asper - - -	" -	Warminster.
	24	4	" orbicularis - -	" -	Devizes.
	25	3	" " [3] - - -		
	26	3	" " [2] - - -	" -	Near Lyme Regis.
	27	6	" " - - -	" -	Warminster.
	28	5	" elongatus - - -	" -	"
	29	3	Spondylus striatus - -	" -	"
	30	1	- - - - - -	" -	"
	31	2	Avicula simulata [4] - -	" -	Moore Seat, Aberdeen.
	32	1	Inoceramus cuneiformis [1] -	" -	Devizes.
	33	1	Pinna tetragona - - -	" -	"
	34	2	" " [4] - - -	" -	Moore Seat, Aberdeen.
	35	2	" " - - -	" -	Near Lyme Regis.
	36	6	Lima semiornata - - -	" -	Warminster.
	37	4	" - - - - -	" -	"
	38	6	" cenomanensis - -	" -	"
VIII.	1	2	Lithodomus - - - -	" -	"
	2	1	Mytilus siliqua - - -	" -	Devizes.
	3	1	Modiola [2] - - - -	" -	Weymouth.
	4	1	" - - - - -	" -	Devizes.
	5	3	Arca carinata - - -	" -	"
	6	1	" " - - - -	" -	"

[1] Presented by W. Cunnington, Esq. [2] Presented by Sir E. H. Bunbury, Bart.
[3] " S. P. Pratt, Esq. [4] " W. Ferguson, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XLVIII.	7	3	Arca carinata - - -	Upper Greensand.	Devizes.
	8	1	" " [1] - - -	" -	"
	9	2	" " [2] - - -	" -	Moore Seat, Aberdee
	10	2	" costellata [2] - - -	" -	" "
	11	1	" (Cucullæa) [3] - -	" -	Weymouth.
	12	1	Cucullæa [1] - - - -	" -	Devizes.
	13	2	" - - - - -	" -	"
	14	2	Limopsis texturata [2] - -	" -	Moore Seat, Aberdee
	15	1	Pectunculus umbonatus [2] -	" -	" "
	16	1	Trigonia caudata - - -	" -	" "
	17	2	" spinosa [3] - -	" -	Weymouth; 1, W minster.
	18	3	Radiolites - - - -	" -	Minterne, Dorsetshi
	19	2	Cardium Gentianum [1] - -	" -	Devizes.
	20	1	" " [4] - -	" -	"
	21	3	Unicardium Ringmeriense -	" -	"
	22	1	" " -	" -	"
	23	1	" " - -	" -	Abinger.
	24	1	" - - - -	" -	
	25	1	Lucina Dupiniana - -	" -	Devizes.
	26	2	" " [4] - - -	" -	"
	27	2	" pisum [3] - - -	" -	Near Lyme Regis.
	28	1	Cyprina oblonga - - -	" -	Devizes.
	29	1	" " - - -	" -	?
	30	3	" " [4] - - -	" -	Devizes.
	31	2	" [3] - - - -	" -	"
	32	3	" Fergusoni [2] - -	" -	Moore Seat, Aberde
	33	2	Tellina inæqualis - - -	" -	Devizes.
	34	1	Thetis major - - -	" -	"
	35	5	" " [3] - - -	" -	Lyme Regis.
	36	4	" " [4] - - -	" -	Devizes.
	37	4	" [3] - - - - -	" -	Lyme Regis.
	38	1	Pholadomya decussata [5] -	" -	Abinger.
	39	5	Myacites mandibula [3] - -	" -	Near Lyme Regis.
	40	3	" " [3] - -	" -	Devizes.
	41	3	" " [4] - - -	" -	"
	42	2	Dentalium [2] - - -	" -	Moore Seat, Aberde shire.
	43	1	Pleurotomaria - - -	" -	Warminster.
	44	1	Acmæa tenuicosta - -	" -	Devizes.
	45	3	Turritella [3] - - -	" -	Near Lyme Regis.
	46	4	" - - - - -	" -	Warminster.
	47	9	Vermetus - - - -	" -	"
	48	10	" [3] - - - -	" -	?
	49	3	Natica Gentii [4] - - -	" -	Devizes.
	50	1	" " [3] - - -	" -	"
	51	1	" " - - -	" -	"
	52	2	" Cretacea [4] - - -	" -	"
	53	1	" - - -	" -	Warminster.
	54	1	Pterocera bicarinata - -	" -	Devizes.
	55	5	Avellana incrassata - -	" -	Cambridge.

[1] Presented by E. Sloper, Esq. [2] Presented by W. Ferguson, Esq.
" Sir E. H. Bunbury, Bart. [4] " W. Cunnington, Esq.
[5] Presented by R. Godwin-Austen, Esq.

se.	Tablet.	Specimen.	Name.	Formation.	Locality.
IX.	1	4	Terebratula biplicata - -	Chloritic Marl.	1, 3, 5, 7, 9, 11, 14, 15, 18, 19, Dorsetshire.
	2	7	" " - -	" -	" "
	3	3	" " - -	" -	9, 11, 14, Dorsetshire.
	4	8	" " - -	" -	Maiden Bradley.
	5	2	" " [1] - -	" -	Cambridge.
	6	14	" lachrymosa -	" -	4, 7, 11, 15, 16, 17, 18, Dorsetshire.
	7	2	" " [1] - -	" -	Cambridge.
	8	13	" rugulosa - -	" -	"
	9	1	" Martini - -	" -	High Stoy, Dorsetshire.
	10	2	Terebrirostra lyra [2] - -	" -	Tytherleigh.
	11	13	Terebratulina [1] - - -	" -	Cambridge.
	12	12	" gracilis [1] -	" -	"
	13	8	" " [1] - -	" -	"
	14	4	" striata - -	" -	Balcombe.
	15	2	" " - -	" -	Maiden Bradley.
	16	6	Rhynchonella compressa -	" -	Maiden Bradley and Cambridge.
	17	2	" latissima -	" -	" "
	18	1	" " - -	" -	East Compton.
	19	1	" " [3] - -	" -	Chardstock.
	20	8	" depressa - -	" -	"
	21	6	" lineolata [3] -	" -	Cambridge.
	22	16	" Mantelliana -	" -	Dover.
	23	4	Ostrea macroptera [1] - -	" -	Cambridge.
	24	6	" vesicularis - -	" -	Chaldon.
	25	1	Exogyra - - - -	" -	Near Folkstone.
	26	1	" [2] - - - -	" -	Chaldon.
	27	1	Plicatula pectinoides - -	" -	Batcombe.
	28	2	" inflata - - -	" -	Alton, Hants.
	29	2	Pecten quinquecostatus -	" -	Maiden Bradley.
	30	6	" " - -	" -	Chardstock.
	31	3	" " - -	" -	Near Folkstone.
	32	2	Spondylus striatus [1] - -	" -	Cambridge.
	33	1	Inoceramus problematicus -	" -	Weymouth.
	34	2	" latus - -	" -	9, 19, Dorsetshire.
	35	3	" " - -	" -	"
	36	1	Lima intermedia [3] - -	" -	Chardstock.
	37	1	" ornata [3] - - -	" -	"
	38	2	" semiornata - - -	" -	Maiden Bradley.
	39	2	Modiola [3] - - -	" -	Chardstock.
	40	10	Arca Mailliana? - - -	" -	2, 6, 8, 9, 12, 14, 15, 16, Dorsetshire.
	41	8	" " - - -	" -	Maiden Bradley.
	42	2	" - - -	" -	"
	43	1	" [3] - - -	" -	Chardstock.
	44	1	" Raulini - - -	" -	Near Devizes.
	45	4	Trigonia sinuata [3] - -	" -	Chardstock.
	46	5	" spinosa - - -	" -	Maiden Bradley.
	47	4	" " ? - - -	" -	Chardstock.
	48	2	Chama cornucopiæ - -	" -	16, 19, Dorsetshire.
	49	3	Radiolites Mortoni - -	" -	Cambridge.

[1] Presented by L. Barrett, Esq. [2] Presented by S. Pratt, Esq.
[3] Presented by Sir E. H. Bunbury, Bart.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XLIX.	50	4	Cardium conniacum - -	Chloritic Marl.	Worbarrow Bay, Dorset
	51	5	" Mailleanum - -	" -	6, 13, 19, Dorsetshire.
	52	1	Mytilus lineatus - - -	" -	Chaldon.
	53	2	Unicardium Ringmeriense [1]	" -	Chardstock.
	54	2	Astarte - - - -	" -	Callistock, Dorset.
	55	3	Isocardia - - - -	" -	2, 6, 16, Dorsetshire.
	56	1	" carantoniensis [1] -	" -	Chardstock.
	57	1	" - -	" -	Eggardon Hill, Dorset.
	58	9	Cardita tenuicosta - -	" -	6, 9, 12, 15, 18, Dorset shire.
	59	3	" - - -	" -	Maiden Bradley.
	60	5	" - - -	" -	" "
	61	3	Myoconcha angulata - -	" -	6, 7, 10, Dorsetshire.
	62		Lyonsia carinifera - -	" -	Nr. Beaminster, Dorsat
	63		Nucula obesa ? - - -	" -	Ball Wood, Dorset.
L.	1	8	Avellana cassis - - -	" -	Dorsetshire.
	2	9	" " - - -	" -	Maiden Bradley.
	3	2	" [1] - - -	" -	Chardstock.
	4	1	Emarginula - - - -	" -	White Nore, Weymouth
	5	1	" - - - -	" -	Cheddington.
	6	1	Pleurotomaria perspectiva -	" -	Dover.
	7	1	" [1] " -	" -	"
	8	3	" " -	" -	Dorsetshire.
	9	1	" Gurgitis [2] -	" -	Cambridge.
	10	3	" Rhodani [2] -	" -	"
	11	2	" - - - -	" -	White Nore, Weymouth
	12	6	" - - - -	" -	Dorsetshire.
	13	3	" [1] - - - -	" -	White Nore, Weymouth.
	14	2	" [1] - - - -	" -	" " "
	15	1	" [1] - - - -	" -	Chardstock.
	16	1	" - - - -	" -	Maiden Bradley.
	17	4	Trochus - - - -	" -	Dorsetshire.
	18	1	Turbo Maillianus - -	" -	Cattistock.
	19	1	" rhotamagensis - -	" -	"
	20	2	" [1] - - - -	" -	Chardstock.
	21	1	" - - - -	" -	"
	22	10	" - - - -	" -	Maiden Bradley.
	23	2	" - - - -	" -	Dorsetshire.
	24	1	Cerithium [1] - - -	" -	Chardstock.
	25	1	Nerinæa [1] - - - -	" -	"
	26	2	" [1] - - - -	" -	"
	27	1	" - - - - -	" -	Netbury Park.
	28	7	Solarium ornatum - -	" -	Maiden Bradley.
	29	10	" " - - -	" -	" "
	30	4	" " [1] - - -	" -	Cambridge.
	31	3	" " [2] - - -	" -	"
	32	2	" [1] - - -	" -	Chardstock.
	33	2	Turritella Hugardiana - -	" -	Dorsetshire.
	34	4	Vermetus - - - -	" -	Maiden Bradley.
	35	1	Natica difficilis - - -	" -	High Stoy, Dorsetshire
	36	1	" [1] - - - -	" -	Chardstock.
	37	7	Pterocera - - - -	" -	Dorsetshire.

[1] Presented by Sir E. H. Bunbury, Bart. [2] Presented by L. Barrett, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
L.	38	1	Pterocera - - - -	Chloritic Marl.	Maiden Bradley.
	39	1	Rostellaria [1] - - -	" -	Chardstock.
LI.	1	3	Terebratulina striata [1] - -	Lower Chalk	Dover.
	2	2	Terebratula subundata [2] -	" -	?
	3	3	" " - -	" -	?
	4	3	" [1] - - -	" -	Isleham.
	5	3	" semiglobosa [3] -	" -	Glynd, near Lewes.
	6	4	" biplicata [4] - -	" -	Hunstanton Cliff, Norfolk.
	7	7	" sulcifera - -	" -	Cherry Hinton.
	8	3	Rhynchonella octoplicata [4] -	" -	Whittington, Norfolk.
	9	6	" Mantelliana -	" -	Isleham.
	10	2	" " [1] -	" -	Dover.
	11	5	" pisum [1] -	" -	"
	12	2	" compressa -	" -	Quiddington.
	13	1	Ostrea carinata - - -	" -	Dover.
	14	1	" frons - - -	" -	"
	15	3	" - - -	" -	"
	16	1	" vesicularis - -	" -	Maidstone.
	17	9	Plicatula inflata - - -	" -	Isleham.
	18	4	" " [2] - - -	" -	Tring and Folkstone.
	19	1	" " [1] - - -	" -	Isle of Wight.
	20	3	" " - - -	" -	Cliff Pyhard.
	21	2	" ventricosa - -	" -	Nurstead.
	22	1	" ? - - -	" -	Dover.
	23	3	Gryphæa haliotoidea [1] - -	" -	?
	24	1	" vesiculosa [3] - -	" -	Glynd, near Lewes.
	25	2	" [1] - - - -	" -	Dover.
	26	1	Pecten Beaveri - - -	" -	Near Folkstone.
	27	1	" " - - -	" -	Maidstone.
	28	1	" " - - -	" -	Clevaney, Wiltshire.
	29	1	" orbicularis [1] - -	" -	West Row, near Milden Hall.
	30	7	" " [1] - -	" -	?
	31	7	" " - - -	" -	?
	32	9	" " - - -	" -	?
	33	2	" " - - -	" -	Alton, Hants.
	34	1	" - - - -	" -	Dover.
	35	1	Spondylus - - - -	" -	Near Folkstone.
	36	1	Inoceramus mytiloides [1] -	" -	?
	37	3	" striatus ? - -	" -	Eastbourne.
	38	1	" gryphæoides -	" -	Leziat.
	39	1	" - - - -	" -	Cerne Abbas.
	40	1	Lima - - - - -	" -	Dover.
	41	1	" elongata - - -	" -	"
	42	1	Modiola quadrata - - -	" -	?
	43	1	Arca - - - - -	" -	Beacon Hill.
	44	1	" - - - - -	" -	Isle of Wight.
	45	1	Pholadomya decussata [1] -	" -	Maidstone.
	46	1	" " - -	" -	Wilts.
	47	1	Unicardium - - - -	" -	Chard.

[1] Presented by Sir E. H. Bunbury, Bart.
[2] Presented by N. T. Wetherell, Esq.
[3] " — Nightingale, Esq.
[4] " C. B. Rose, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locali
LI.	48	1	? - - - -	Lower Chalk	Chard.
	49	1	Teredo amphisbæna [1] -	" -	1. Maidstone ham.
	50	1	Pleurotomaria perspectiva -	" -	?
	51	1	" - - - -	" -	Near Folksto
LII.	1	8	Terebratula semiglobosa [1] -	Upper Chalk	Isleham.
	2	6	" " -	" -	Charing.
	3	4	" " -	" -	Isleham.
	4	3	" " -	" -	"
	5	1	" " [2] -	" -	Dover.
	6	1	" elongata [1] - -	" -	Norwich.
	7	4	" carnea [1] - -	" -	
	8	2	" " [3] - -	" -	? "
	9	3	" [1] - - - -	" -	Isleham.
	10	1	" subrotunda [1] -	" -	Dover.
	11	4	" subplicata [1] -	" -	Norwich.
	12	2	" obesa - - -	" -	
	13	2	" " - - -	" -	? "
	14	3	" " - - -	" -	Dover.
	15	3	Terebratulina gracilis - -	" -	Frome, St. Q
	16	2	" striata [1] - -	" -	a, Gravesend
	17	3	" " - -	" -	?
	18	8	Rhynchonella plicatilis [1] -	" -	Norwich and
	19	6	" " [1] - -	" -	" "
	20	5	" Cuvieri [1] -	" -	Mildenhall.
	21	2	" - - - - -	" -	Frome, St. Q
	22	3	" Mantelliana -	" -	Northfleet an
	23	2	" octoplicata -	" -	Northfleet.
	24	3	" " [1] - -	" -	Norwich.
	25	8	" " - -	" -	Brighton.
	26	7	" " - -	" -	Wiltshire.
	27	1	" - - - -	" -	Near Lyme I
	28	5	" - - - -	" -	?
	29	6	" - - - -	" -	Wilts.
	30	2	Kingena lima [4] - - -	" -	Dudwich, Ab
	31	2	Magas pumila - - -	" -	1. Norwich? 2.
	32	2	Crania and Thecidium [3] -	" -	Grays, Essex.
	33	3	" Parisiensis [1] - -	" -	Bromley.
	34	3	" Ignabergensis [5] -	" -	Chichester.
	35	1	" [6] - - - - -	" -	Woolwich.
	36	8	Ostrea semiplana [1] - -	" -	Maidstone.
	37	2	" flabelliformis - -	" -	Gravesend.
	38	2	" " [1] - - -	" -	Norwich.
	39	1	" vesicularis [7] - -	" -	Gravesend.
	40	3	" " [1] - - -	" -	Norwich.
	41	5	" " [1] - - -	" -	"
	42	8	" " [7] - - -	" -	Gravesend.
	43	9	" larva - - - -	" -	Isleham.
	44	2	" Normaniana [1] - -	" -	?
	45	4	" " [7] - -	" -	Gravesend.

[1] Presented by Sir E. H. Bunbury, Bart. [2] Presented by W. Whitaker,
[3] " the Rev. Norman Glass. [4] " W. Ferguson,
[5] " C. Clark, Esq. [6] " C. F. Cockbur
[7] Presented by N. T. Wetherell, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
LII.	46	2	Ostrea canaliculata [1] - -	Upper Chalk	Near Cromer.
	47	2	„ Weginaniana - -	„ -	Gravesend.
	48	6	Gryphæa haliotoidea - -	„ -	?
	49	10	Plicatula inflata [1] - - -	„ -	Bromley.
	50	1	„ „ - - -	„ -	Northfleet.
	51	1	Hinnites granosa [2] - -	„ -	Dover.
	52	1	Pecten Beaveri - - -	„ -	Maidstone.
	53	3	„ nitidus [1] - - -	„ -	Gravesend.
	54	7	„ quinquecostatus [1] -	„ -	„
	55	4	„ „ [1] -	„ -	Brighton, (b) Lewes.
	56	2	„ [1] - - - - -	„ -	?
	57	2	„ [1] - - - - -	„ -	Brighton.
	58	1	„ Mantellianus [1] - -	„ -	?
	59	1	„ n. sp. [3] - - -	„ -	Dover.
LIII.	1	1	Lima Hoperi [4] - - -	„ -	Kent.
	2	1	„ „ - - -	„ -	Northfleet.
	3	1	„ spinosus - - -	„ -	Gravesend.
	4	1	„ „ - - -		
	5	6	„ „ - - -	„ -	Gravesend.
	6	11	„ „ [4] - - -	„ -	„
	7	1	„ „ - - -	„ -	Lewes.
	8	2	„ „ - - -	„ -	„
	9	1	„ „ [5] - - -	„ -	
	10	11	„ globosa - - -	„ -	Isleham.
	11	1	„ elegans [6] - - -	„ -	More Seat, Aberdeen.
	12	3	„ elongata - - -	„ -	Gravesend and Ireland.
	13	1	Spondylus striatus [6] - -	„ -	Bogingarry, Aberdeen.
	14	1	„ latus [7] - - -		
	15	2	„ „ [1] - - -	„ -	Gravesend.
	16	1	„ hystrix - -	„ -	„
	17	1	Inoceramus Cuvieri - -	„ -	Kent.
	18	1	„ „ - -	„ -	„
	19	1	„ involutus [3] -	„ -	Near Chatham.
	20	1	„ mytiloides [1] -	„ -	Dover.
	21	1	„ „ -	„ -	Brighton.
	22	1	„ cordiformis -	„ -	Kent.
	23	5	„ Brongniarti -	„ -	Swaffham, Norfolk.
	24	1	„ „ [8] - -	„ -	Narborough, „
	25	1	„ shewing pearl [5] -	„ -	Northfleet.
	26	1	„ [1] - - - -		
	27	1	„ Lamarckii - -	„ -	Kent.
	28	2	Hipponyx [1] - - - -	„ -	Bromley and Brighton.
	29	1	Radiolites Moretoni [9] - -	„ -	Dover.
	30	1	„ „ [1] - -		
	31	4	„ „ [1] - -	„ -	Maidstone.
	32	1	Teredo amphisbæna - -		
	33	1	Pleurotomaria perspectiva -	„ -	„

[1] Presented by Sir E. H. Bunbury, Bart. [2] Presented by S. P. Pratt, Esq.
[3] „ C. F. Cockburn, Esq. [4] „ N. T. Wetherell, Esq.
[5] „ W. Whitaker, Esq. [6] „ W. Ferguson, Esq.
[7] „ the Marquis of Northampton. [8] „ C. B. Rose, Esq.
[9] Presented by E. Clark, Esq.

Cretaceous Series. (Drawers 36 to 49.)

H.—UPPER CRETACEOUS GROUP. Sect. II.
Drawers XLI. to XLIX.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XLI.	1	2	Pecten quinquecostatus -	Gault -	Folkstone.
	2	1	" Dutemplei [1] - -	" -	"
	3	1	" [1] - - - -	" -	"
	4	4	Arca nana - - - -	" -	"
	5	2	" Carinata - - -	" -	"
	6	1	" [2] - - - - -	" -	"
	7	1	Cardita tenuicosta [2] - -	" -	"
	8	14	" " - -	" -	"
	9	6	Venus tenera - - -	" -	"
	10	20	Corbula striata - - -	" -	"
	11	1	Myacites plicata [2] - -	" -	"
	12	2	Pholas [1] - - - -	" -	"
	13	9	Nucula bivirgata - - -	" -	"
	14	12	" pectinata - -	" -	"
	15	11	" - - - -	" -	"
	16	7	" - - - -	" -	"
	17	1	" - - - -	" -	"
	18	7	Dentalium ellipticum - -	" -	"
	19	8	" " - -	" -	"
	20	9	" striatum - -	" -	"
	21	2	Pleurotomaria - - -	" -	"
	22	3	Natica canaliculata [2] - -	" -	"
	23	8	" Gaultina - - -	" -	"
	24	1	Solarium conoideum [2] -	" -	"
	25	8	" " - -	" -	"
	26	3	" - - - -	" -	"
	27	1	" ornatum [1] - -	" -	"
	28	3	" " - -	" -	"
	29	1	Turritella elegans - -	" -	"
	30	7	Pyrula Smithii - - -	" -	"
	31	5	Rostellaria elongata - -	" -	"
	32	1	" " [2] - -	" -	"
	33	5	" marginata - -	" -	"
XLIV.	1	5	Terebratula biplicata - -	Upper Greensand.	Cambridge.
	2	7	Rhynchonella sulcata - -	" -	"
	3	2	" compressa [3] -	" -	More Seat, Aberdeenshire.
	4	1	Pecten elongatus - - -	" -	Warminster.
	5	1	Crassatella regularis - -	" -	"
	6	1	Thetis major [3] - - -	" -	More Seat, Aberdeenshire.

[1] Presented by C. Gould, Esq. [2] Presented by E. Clark, Esq.
[3] Presented by W. Ferguson, Esq.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
LVI.	1	6	Cardiaster [1]	Upper Greensand.	Isle of Wight.
	2	1	" [1]	"	"
	3	1	" [1]	"	"
	4	1	" [1]	"	"
	5	1	" [1]	"	"
	6	2	Ananchytes [1]	"	"
	7	1	" [1]	"	"
	8	1	Vermicularis [1]	"	"
	9	1	Serpula [1]	"	"
	10	1	Terebratula sella [1]	"	"
	11	5	Rhynchonella parvirostris [1]	"	"
	12	1	Plicatula [1]	"	"
	13	1	" [1]	"	"
	14	1	" [1]	"	"
	15	1	" [1]	"	"
	16	2	" [1]	"	"
	17	1	Pecten quinquecostatus [1]	"	"
	18	1	" " [1]	"	"
	19	1	"	"	"
	20	1	"	"	"
	21	1	"	"	"
	22	1	Spondylus striatus [1]	"	"
	23	1	Inoceramus [1]	"	"
	24	1	Modiola [1]	"	"
	25	1	Mytilus [1]	"	"
	26	1	Arca carinata [1]	"	"
	27	1	" [1]	"	"
	28	1	Cucullæa [1]	"	"
	29	1	" [1]	"	"
	30	1	" [1]	"	"
	31	1	Trigonia [1]	"	"
	32	1	" [1]	"	"
	33	2	" [1]	"	"
	34	1	" [1]	"	"
	35	1	" [1]	"	"
	36	1	" [1]	"	"
	37	1	Cardium [1]	"	"
	38	1	" Gentianum [1]	"	"
	39	1	" [1]	"	"
	40	1	" [1]	"	"
	41	1	" [1]	"	"
	42	1	Cardita	"	"
	43	1	Cyprina [1]	"	"
	44	1	" [1]	"	"
	45	1	" [1]	"	"
	46	1	" oblonga [1]	"	"
	47	1	" " [1]	"	"
	48	1	Cytherea [1]	"	"
	49	1	Panopea [1]	"	"
	50	1	" [1]	"	"
	51	1	" [1]	"	"
	52	3	Myacites mandibula [1]	"	"
	53	1	" " [1]	"	"

[1] Presented by Capt. Ibbetson, F.R.S.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XLVI.	54	1	Myacites mandibula [1]	Upper Greensand.	Isle of Wight.
	55	1	Pholas perforatus [1]	"	"
XLVII.	1	1	Ammonites [1]	"	"
	2	1	" [1]	"	"
	3	2	" [1]	"	"
	4	1	" [1]	"	"
	5	1	" [1]	"	"
	6	1	" [1]	"	"
	7	1	" [1]	"	"
	8	1	" [1]	"	"
	9	1	Nautilus [1]	"	"
	10	6	Siphonia pyriformis [1]	Chloritic Marl.	"
	11	9	" " [1]	"	"
	12	1	" " [1]	"	"
	13	1	" " [1]	"	"
	14	2	" " [1]	"	"
	15	1	Brachiolites [1]	"	"
	16	1	" [1]	"	"
	17	3	Spongia [1]	"	"
	18	3	Hippalimus fungoides [1]	"	"
	19	1	" " [1]	"	"
	20	1	Ananchytes [1]	"	"
	21	1	" [1]	"	"
	22	1	" [1]	"	"
	23	1	Vernicularis [1]	"	"
	24	8	Terebratula sella [1]	"	"
	25	4	" " [1]	"	"
	26	6	" biplicata [1]	"	"
	27	5	" " [1]	"	"
	28	2	" [1]	"	"
	29	1	" [1]	"	"
	30	1	Terebratulina striata [1]	"	"
	31	1	Terebratella pectita [1]	"	"
	32	10	Rhynchonella compressa [1]	"	"
	33	7	Exogyra conica [1]	"	"
	34	2	" " [1]	"	"
	35	10	" " [1]	"	"
	36	4	" sinuata [1]	"	"
	37	1	" [1]	"	"
	38	1	Ostrea frons [1]	"	"
	39	1	" " [1]	"	"
	40	1	Plicatula [1]	"	"
	41	1	" [1]	"	"
	42	4	" [1]	"	"
	43	1	" [1]	"	"
//	44	3	Pecten asper [1]	"	" Warminster
	45	1	" " [1]	"	"
	46	2	" orbicularis [1]	"	"
	47	1	" " [1]	"	"

[1] Presented by Capt. Ibbetson, F.R.S.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
LVIII.	1	5	Pecten quinquecostatus [1]	Chloritic Marl.	Isle of Wight.
	2	2	" " [1]	"	"
	3	1	" " [1]	"	"
	4	1	" " [1]	"	"
	5	1	" " [1]	"	"
	6	2	" elongatus [1]	"	"
	7	1	" [1]	"	"
	8	1	" [1]	"	"
	9	1	" [1]	"	"
	10	1	" [1]	"	"
	11	1	" [1]	"	"
	12	1	" [1]	"	"
	13	1	" [1]	"	"
	14	1	Spondylus striatus [1]	"	"
	15	1	Inoceramus [1]	"	"
	16	1	" [1]	"	"
	17	2	Lima [1]	"	"
	18	1	" Marrotiana [1]	"	"
	19	1	" Hoperi [1]	"	"
	20	1	" [1]	"	"
	21	5	Cucullæa [1]	"	"
	22	1	"	"	"
	23	1	Cyprina [1]	"	"
	24	1	" [1]	"	"
	25	2	Tellina [1]	"	"
	26	1	Panopæa [1]	"	"
	27	1	Pholadomya decussata [1]	"	"
	28	3	Avellana [1]	"	"
	29	6	Pleurotomaria [1]	"	"
	30	12	" Rhodani [1]	"	"
	31	4	" [1]	"	"
	32	1	" perspectiva [1]	"	"
	33	1	" " [1]	"	"
	34	1	" [1]	"	"
	35	3	" [1]	"	"
	36	4	" [1]	"	"
	37	4	Turbo [1]	"	"
	38	1	Littorina [1]	"	"
	39	3	Solarium ornatum [1]	"	"
	40	1	Fusus [1]	"	"
	41	1	Rostellaria [1]	"	"
	42	1	" [1]	"	"
K.	1	9	Ammonites varians [1]	"	"
	2	6	" " [1]	"	"
	3	8	" navicularis [1]	"	"
	4	2	" " [1]	"	"
	5	2	" " [1]	"	"
	6	1	" falcatus [1]	"	"
	7	1	" [1]	"	"
	8	1	" [1]	"	"
	9	5	" [1]	"	"
	10	5	" [1]	"	"

[1] Presented by Capt. Ibbetson, F.R.S.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XLIX.	11	1	Ammonites [1]	Chloritic Marl.	Isle of Wight.
	12	1	" [1]	"	"
	13	1	" [1]	"	"
	14	1	" [1]	"	"
	15	1	Nautilus Deslongchampsianus.[1]	"	"
	16	5	" expansus [1]	"	"
	17	2	" [1]	"	"
	18	1	Turrilites tuberculatus [1]	"	"
	19	5	" Morrisii [1]	"	"
	20	1	" Scheuchzerianus [1]	"	"
	21	1	" costatus [1]	"	"
	22	1	" Bergeri [1]	"	"
	23	6	" [1]	"	"
	24	1	Hamites [1]	"	"
	25	1	" [1]	"	"
	26	2	Scaphites æqualis [1]	"	"

CRETACEOUS SERIES. (Wall Cases, 10B to 14.)

H.—UPPER CRETACEOUS GROUP. SECT. III.
WALL CASES XI. to XIV.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XI. Shelf. IV.			SECTIONS 28, 29, 30.		
	1	1	Rotalina contorta	Gault	Specton.
	2	3	Cyclocyathus Fittoni [2]	"	Maidstone.
	3	6	" " [3]	"	Folkstone.
	4	2	"	"	"
	5	6	"	"	"
	6	2	Cyclolites [3]	"	"
	7	2	" [2]	"	Maidstone.
	8	3	"	"	Folkstone.
	9	1	Cyathina Bowerbankii [2]	"	Maidstone.
	10	4	Trochosmilia sulcata [2]	"	Cambridge.
	11	2	" "	"	Folkstone.
	12	4	"	"	"
	13	7	"	"	"
	14	1	"	"	"
	15	7	Pentacrinus Fittoni [3]	"	"
	16	1	" "	"	"

[1] Presented by Capt. Ibbetson, F.R.S. [2] Presented by Sir E. H. Bunbury, Bart. [3] Presented by E. Clark, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XI. Shelf. IV.			SECTIONS 28, 29, 30.		
	17	5	Pentacrinus Fittoni	Gault	Folkstone.
	18	7	" " [1]	"	Maidstone.
	19	1	" "	"	Folkstone.
	20	3	"	"	Speeton.
	21	4	Hemiaster asterias	"	Folkstone.
	22	2	" " [2]	"	"
	23	3	" "	"	"
	24	1	" "	"	"
	25	1	" "	"	"
	26	2	" " [2]	"	"
	27	1	" "	"	Black Venn, Lyme Regis.
	28	1	" Baileyi	"	Folkstone.
	29	1	" "	"	"
	30	5	" "	"	"
	31	2	"	"	"
	32	1	"	"	"
	33	1	"	"	"
	34	1	"	"	"
	35	1	Diadema tumida [3]	"	"
	36	1	Cidaris Gaultina	"	"
	37	1	" " [3]	"	"
	38	1	" "	"	"
	39	1	" "	"	"
	40	6	" "	"	"
	41	1	" "	"	"
	42	4	Brissus minimus	"	"
	43	1	Serpula articulata	"	Speeton.
	44	1	" [2]	"	Folkstone.
	45	1	"	"	"
	46	3	"	"	"
	47	1	" [3]	"	"
	48	5	"	"	"
	49	1	Vermilia [1]	"	Maidstone.
	50	12	Pollicipes unguis [3]	"	Folkstone.
	51	11	" lævis	"	"
	52	4	" rigidus	"	"
	53	1	" radiatus	"	"
	54	6	" [1]	"	Maidstone.
	55	1	"	"	Folkstone.
	56	2	"	"	"
	57	2	Etyus Martini	"	"
	58	2	" "	"	" and Maidstone.
	59	8	" " [3]	"	"
	60	1	" [1]	"	Maidstone.
	61	1	" similis	"	Folkstone.
	62	2	Palæocorystes Stokesii	"	"
	63	6	" "	"	"
	64	1	" "	"	"
	65	7	" "	"	"
	66	6	" " [3]	"	"

[1] Presented by Sir E. H. Bunbury, Bart. [2] Presented by C. Gould, Esq.
[3] Presented by E. Clark, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
			SECTIONS 28, 29, 30.		
XI. Shelf. IV.	67	1	Polæocorystes Stokesii	Gault	Folkstone.
	68	2	" " [1]	"	Maidstone.
	69	1	" "	"	Cambridge.
	70	8	" " [2]	"	Folkstone.
	71	1	" "	"	"
	72	1	" "	"	"
	73	1	" "	"	"
	74	1	" Broderipii	"	"
	75	1	" "	"	"
	76	5	" "	"	" and Maidst.
	77	2	" " [2]	"	"
	78	1	" "	"	"
	79	1	" "	"	"
	80	1	Diaulax Carteriana	"	Maidstone.
	81	1	Glyphea cretacea	"	Folkstone.
	82	1	Plagiolophus Wetherellii	"	"
	83	1	Homolopsis Edwardsii	"	"
	84	1	Adelia Bechei [2]	"	"
	85	12	Meyeria ornata [3]	"	Speeton.
	86	2	" "	"	"
	87	1	Astacus [4]	"	Folkstone.
	88	5	" [2]	"	"
	89	1	" [2]	"	"
	90	1	"	"	"
	91	2	" [2]	"	"
	92	5	"	"	"
	93	1	Hoploparia	"	"
	94	1	" [2]	"	"
	95	1	"	"	"
V.	1	10	Belemnites attenuatus	"	"
	2	10	" "	"	"
	3	15	" minimus [2]	"	"
	4	12	" "	"	"
	5	10	" "	"	"
	6	12	" "	"	"
	7	5	" jaculum [3]	"	Speeton.
	8	5	" " [3]	"	"
	9	5	" lateralis [3]	"	"
	10	2	" minutus [3]	"	"
	11	1	" [2]	"	Folkstone.
	12	6	Nautilus inæqualis [2]	"	"
	13	5	" "	"	"
	14	1	" " [4]	"	"
	15	2	" [2]	"	"
	16	1	" [2]	"	"
	17	1	" [1]	"	Maidstone.
	18	9	Ammonites splendens [2]	"	Folkstone.
	19	1	" " [2]	"	"
	20	2	" " [2]	"	"
	21	1	" " [2]	"	"

[1] Presented by Sir E. H. Bunbury, Bart. [2] Presented by E. Clark, Esq.
[3] " the Marchioness of Hastings. [4] " C. Gould, Esq.

ase.	Tablet.	Specimen.	Name.	Formation.	Locality.
XI.			SECTIONS 28, 29, 30.		
helf.					
V.	22	2	Ammonites splendens[1] -	Gault -	Folkestone.
	23	3	" " [1] -	" -	"
	24	4	" " - -	" -	"
	25	1	" " - -	" -	"
	26	6	" " - -	" -	"
	27	4	" " - -	" -	"
	28	5	" " - -	" -	Warminster.
	29	6	" " - -	" -	"
	30	9	" dentatus[1] - -	" -	Folkestone.
	31	4	" " [1] - -	" -	"
	32	1	" interruptus[2] -	" -	"
	33	2	" " [1] -	" -	"
	34	1	" " [3] -	" -	"
	35	7	" " [4] -	" -	"
	36	3	" " [1] -	" -	"
	37	1	" " [1] -	" -	"
	38	1	" " - -	" -	"
	39	1	" " [1] -	" -	"
	40	1	" " - -	" -	"
	41	1	" " [1] -	" -	"
	42	2	" " - -	" -	Lidhurst.
	43	7	" " [5] -	" -	Shalford, Surrey.
	44	10	" lautus[1] - -	" -	Folkestone.
	45	3	" " - -	" -	"
	46	3	" " [4] - -	" -	"
	47	1	" " [1] - -	" -	"
	48	1	" " - -	" -	"
	49	5	" " [3] - -	" -	Cambridge.
	50	2	" " - -	" -	Folkestone.
	51	2	" " - -	" -	Devizes.
	52	3	" tuberculatus[1] -	" -	Folkestone.
	53	9	" " [1] -	" -	"
	54	2	" " [4] -	" -	"
	55	1	" " [2] -	" -	"
	56	1	" " -	" -	"
	57	2	" " [1] -	" -	"
	58	1	" " [2] -	" -	"
	59	3	" " - -	" -	"
	60	2	" duplicatus[1] -	" -	"
	61	3	" mutabilis[6] -	" -	Speeton.
	62	1	" concinnus[6] -	" -	"
	63	7	" " [6] -	" -	"
	64	12	" venustus[6] - -	" -	"
	65	1	" evalidus ?[6] -	" -	"
	66	1	" " [6] - -	" -	"
	67	1	" fissicostatus[6] -	" -	"
	68	8	" furcillatus[6] -	" -	"
	69	2	" cavaticus ?[6] -	" -	"
	70	7	" rotula[6] - -	" -	"
	71	3	" Speetonensis[6] -	" -	"

[1] Presented by E. Clark, Esq.
" Sir E. H. Bunbury, Bart. M.P.
" R. Godwin-Austen, Esq.

[2] Presented by C. Gould, Esq.
[4] " C. Stokes, Esq.
[6] " the Marchioness of Hastings.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XI. Shelf.			SECTIONS 28, 29, 30.		
V.	72	1	Ammonites hystrix [1]	Gault	Speeton.
	73	4	" mammillaris [2]	"	Folkestone.
	74	1	" Bouchardianus [2]	"	"
	75	3	" cristatus [2]	"	"
	76	1	" "	"	"
	77	1	" " [2]	"	"
	78	1	" Goodhallii [2]	"	"
VI.	1	6	" varicostatus [2]	"	"
	2	5	" Coupei	"	Maiden Bradley.
	3	1	" rostratus [3]	"	Folkestone.
	4	1	" inflatus [4]	"	"
	5	1	" " [2]	"	"
	6	6	" " [5]	"	Barnwell.
	7	6	" auritus [2]	"	Folkestone.
	8	1	" denarius	"	"
	9	2	" varians [5]	"	Cambridge.
	10	4	" circularis [2]	"	Folkestone.
	11	1	" Jeannottii [2]	"	"
	12	2	" symmetricus [2]	"	"
	13	2	" proboscideus [2]	"	"
	14	1	" Selliguinus [2]	"	"
	15	4	" elegans	"	"
	16	5	" minutus [1]	"	Speeton.
	17	14	" "	"	Folkestone.
	18	12	" " [2]	"	"
	19	10	" trifurcatus [1]	"	Speeton.
	20	3	" Bennetianus	"	Isle of Wight.
	21	1	" velledæ [2]	"	Folkestone.
	22	1	" [2]	"	"
	23	2	" [1]	"	Speeton.
	24	4	" [5]	"	Cambridge.
	25	4	" [4]	"	Folkestone.
	26	1	" [5]	"	Wilts.
	27	5	" [2]	"	Folkestone.
	28	2	" [1]	"	Speeton.
	29	3	" [1]	"	"
	30	2	"	"	Folkestone.
	31	1	" [5]	"	Maidstone.
	32	2	" [1]	"	Speeton.
	33	2	" [2]	"	Folkestone.
	34	1	" [6]	"	Shalford, Surrey.
	35	1	" [5]	"	Maidstone.
	36	1	"	"	Folkestone.
	37	1	" [6]	"	Shalford, Surrey
	38	2	" [5]	"	Maidstone.
	39	2	" [2]	"	Folkestone.
	40	2	"	"	Maiden Bradley.
	41	1	"	"	Folkestone.
	42	2	" [5]	"	Cheriton.

[1] Presented by the Marchioness of Hastings. [2] Presented by E. Clark, Esq.
[3] " H. B. Mackeson, Esq. [4] " C. Gould, Esq.
[5] " Sir E. H. Bunbury, Bart., M.P. [6] " R. Godwin Austen, F

ase.	Tablet.	Specimen.	Name.	Formation.	Locality.
XI.			SECTIONS 28, 29, 30.		
helf. VI.	43	2	Ammonites - - - -	Gault -	Folkestone.
	44	2	" - - - -	" -	"
	45	1	" - - - -	" -	"
	46	1	" - - - -	" -	"
	47	8	" - - - -	" -	Warminster.
	48	1	" [1] - - -	" -	Maidstone.
	49	3	" [2] - - -	" -	Folkestone.
	50	1	" [1] - - -	" -	Maidstone.
	51	1	" [1] - - -	" -	"
	52	1	" [1] - - -	" -	"
	53	2	" - - - -	" -	Warminster.
	54	4	" - - - -	" -	"
	55	1	" - - - -	" -	"
	56	1	Crioceras Duvallii - -	" -	Speeton.
	57	1	" " - - -	" -	"
	58	7	" " - - -	" -	"
	59	1	" " [3] - -	" -	"
	60	3	" " [3] - -	" -	"
	61	1	" Puzosianus [3] - -	" -	"
	62	1	" " - -	" -	"
	63	6	" " [3] -	" -	"
	64	5	" " [3] -	" -	"
	65	1	" " [3] -	" -	"
	66	6	" [3] - - -	" -	"
	67	1	" [3] - - -	" -	"
	68	3	" [2] - - -	" -	Folkestone.
	69	2	" [4] - - -	" -	"
			SECTIONS 31, 32, 33.		
f.	1	1	Ammonites Nutfieldensis [5] -	Lower Greensand.	Hythe.
	2	1	" " -	" -	Bell Vue, Lympne.
	3	1	" " [5] -	" -	Hythe.
	4	1	" " -	" -	"
	5	1	" " [5] -	" -	"
	6	1	" " -	" -	Maidstone.
	7	1	" " -	" -	Isle of Wight.
	8	1	" " [6] -	" -	" "
	9	1	" " [6] -	" -	" "
	10	1	" Deshayesii [6] -	" -	" "
	11	1	" " [6] -	" -	" "
	12	1	" reticostatus -	" -	Hythe.
	13	1	" - - - -	" -	Lympne.
	14	1	" - - - -	" -	"
	15	1	Nautilus lævigatus [7] - -	" -	Farringdon.
	16	1	" " - -	" -	"
	17	1	" radiatus [2] - -	" -	Sandgate.

Presented by Sir E. H. Bunbury, Bart., M.P. [2] Presented by E. Clark, Esq.
" the Marchioness of Hastings. [4] " C. Gould, Esq.
" H. B. Mackeson, Esq. [6] " Dr. Fitton.
[7] Presented by D. Sharpe, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XII. Shelf. I.			SECTIONS 31, 32, 33.		
	18	1	Nautilus plicatus [1] - -	Lower Greensand.	Hythe.
	19	1	" " - -	" -	"
	20	1	" " [2] - -	" -	Atherfield.
	21	1	" " - -	" -	"
	22	1	" Requienianus -	" -	Hythe.
	23	1	" " [3] -	" -	Isle of Wight.
	24	1	" undulatus [1] - -	" -	Hythe.
	25	1	" " - -	" -	"
	26	1	" " [4] - -	" -	Sandgate.
	27	1	Scaphites Hillsii - -	" -	Hythe.
	28	1	" " - - -	" -	"
	29	1	Hamites [1] - - - -	" -	"
II.	1	2	Ancyloceras - - -	Gault -	Folkestone.
	2	1	Helioceras - - - -	" -	"
	3	2	" rotundatus [4] -	" -	"
	4	1	" - - - -	" -	"
	5	8	Toxoceras - - - -	" -	"
	6	10	Hamites intermedius [4] - -	" -	"
	7	1	" " - -	" -	"
	8	3	" " - -	" -	"
	9	4	" " - -	" -	"
	10	9	" gibbosus [5] - -	" -	"
	11	6	" " - -	" -	"
	12	5	" " [4] - -	" -	"
	13	8	" rotundus [4] - -	" -	"
	14	1	" " [4] - -	" -	"
	15	1	" " [3] - -	" -	Speeton.
	16	1	" " - -	" -	Folkestone.
	17	1	" " - -	" -	"
	18	1	" maximus [4] - -	" -	"
	19	2	" compressus [4] - -	" -	"
	20	1	" spiniger [4] - -	" -	"
	21	3	" " [4] - -	" -	"
	22	1	" attenuatus - -	" -	"
	23	1	" " - -	" -	"
	24	2	" " - -	" -	"
	25	4	" " - -	" -	"
	26	12	" " [4] - -	" -	"
	27	4	" raricostatus [3] - -	" -	Speeton.
	28	1	" tuberculatus - -	" -	Folkestone.
	29	1	" - - - -	" -	"
	30	2	" - - - -	" -	"
	31	1	" [6] - - - -	" -	Maidstone.
	32	1	" [6] - - - -	" -	"
	33	1	" - - - -	" -	Folkestone.
	34	1	" - - - -	" -	"
	35	1	" - - - -	" -	"
	36	1	" - - - -	" -	"

[1] Presented by H. B. Mackeson. Esq.
[2] Presented by Dr. Fitton.
[3] " the Marchioness of Hastings.
[4] " E. Clark, Esq.
[5] " C. Stokes, Esq.
[6] " Sir E. H. Bunbury, Bart., M.P.

se.	Tablet.	Specimen.	Name.	Formation.	Locality.
ll.			SECTIONS 31, 32, 33.		
elf.					
II.	37	1	Hamites	Gault	Folkestone.
	38	6	"	"	"
	39	6	"	"	"
	40	6	"	"	"
	41	4	"	"	"
	42	8	" [1]	"	Maidstone.
	43	6	" [1]	"	"
	44	3	" [1]	"	"
	45	1	Ptychoceras Emericianus [2]	"	Folkestone.
	46	1	Turrilites tuberculatus [2]	"	"
	47	1	" elegans	"	"
	48	2	" " [2]	"	"
	49	1	" Asterianus [2]	"	"
	50	1	" Emericianus	"	"
	51	1	" Bergeri	"	"
	52	1	" " [2]	"	"
	53	1	Rhyncholites [2]	"	"
I.	1	1	Chondrites fastigiatus	Upper Greensand.	Bignor.
	2	2	" "	"	"
	3	1	" "	"	"
	4	1	" "	"	"
	5	4	Polypothecia dichotoma [1]	"	Warminster.
	6	2	" obliqua	"	"
	7	7	Siphonia pyriformis [1]	"	Blackdown.
	8	7	" "	"	"
	9	1	" costata		
	10	2	" "	"	Warminster.
	11	4	" " [1]	"	"
	12	2	Hippalimus fungoides [1]	"	"
	13	1	Chenendopora [3]	"	Pewsey, Wiltshire.
	14	2		"	Warminster.
	15	1		"	"
	16	2	Orbitolina concava [4]	"	Little Haldon, Devonshire.
	17	3	Trochosmilia tuberosa [1]	"	Blackdown.
	18	3	Micrabacia coronula	"	Melbury Hill.
	19	18	" "	"	Cambridge.
	20	35	" "	"	"
	21	12	" "	"	Warminster.
	22	5	" "	"	"
	23	6	" "	"	"
	24	18	Pentacrinus	"	"
	25	12	"	"	Melbury Hill, Dorsetshire.
	26	1	Comatula [1]	"	Blackdown.
	27	1	Goniaster	"	"
	28	1	" Comptoni	"	"
	29	12	Stereaster	"	Cambridge.
	30	10	Diadema Benettiæ	"	Warminster.

[1] Presented by Sir E. H. Bunbury, Bart., M.P. [2] Presented by E. Clark, Esq.
[3] " J. F. Davis, Esq. [4] " Dr. Carter.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XII. Shelf. III.			SECTIONS 31, 32, 33.		
	31	11	Diadema Bonei - - -	Upper Greensand.	Warminster.
	32	2	„ subnudum - -	„ -	„
	33	3	„ variolare - -	„ -	„
	34	1	„ Desori - - -	„ -	„
	35	1	„ - - - -	„ -	„
	36	2	„ [1] - - - -	„ -	More Seat, Aberdeenshire.
	37	1	„ - - - - -	„ -	Melbury Hill.
	38	18	Salenia umbrella - - -	„ -	Warminster.
	39	6	„ „ - - -	„ -	„
	40	4	„ „ - - -	„ -	„
	41	11	„ petalifera - - -	„ -	„
	42	3	„ „ - - -	„ -	„
	43	22	„ clathrata - - -	„ -	„
	44	2	„ „ - - -	„ -	„
	45	6	„ lunulata - - -	„ -	„
	46	2	„ „ - - -	„ -	„
	47	1	„ „ - - -	„ -	„
	48	14	Discoidea subucula - -	„ -	„
	49	14	„ „ - -	„ -	„
	50	11	„ „ - -	„ -	„
	51	9	„ „ - -	„ -	Melbury Hill.
	52	9	„ „ - -	„ -	Warminster.
	53	2	„ [1] - - - -	„ -	More Seat, Aberdeenshire.
	54	8	Cyphosoma rotata - - -	„ -	Warminster.
	55	8	„ M'Coyii - -	„ -	„
	56	15	Echinus granulosus - -	„ -	„
	57	8	„ „ - -	„ -	„
	58	4	Hemiaster inæqualis [2] - -	„ -	Blackdown.
	59	1	„ „ [2] - -	„ -	„
	60	4	„ „ - -	„ -	„
	61	8	Cidaris arenicola - - -	„ -	Warminster.
	62	14	Caratomus rostratus - -	„ -	„
	63	1	Galerites castanea - -	„ -	„
	64	5	Catopygus carinatus - -	„ -	Maiden Bradley.
	65	8	„ „ - -	„ -	Warminster.
	66	2	„ „ - -	„ -	Devizes.
	67	1	„ „ - -	„ -	Warminster.
	68	2	Nucleolites Morrisii - -	„ -	Blackdown.
	69	7	Ananchytes lævis - - -	„ -	Warminster.
	70	1	„ „ - - -	„ -	„
	71	1	„ [1] - - - -	„ -	More Seat, Aberdeenshire.
	72	2	Holaster lævis - - -	„ -	Weymouth.
	73	1	„ suborbicularis -	„ -	Isle of Wight.
	74	3	Hemipneustes Greenovii [2] -	„ -	Blackdown.
	75	1	Toxaster [1] - - - -	„ -	More Seat, Aberdeenshire.
	76	1	Cardiaster bisulcatus [2] -	„ -	Blackdown.
	77	2	„ fossarius - -	„ -	Warminster.

[1] Presented by W. Ferguson, Esq. [2] Presented by Sir E. H. Bunbury, Bart., M.P

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XII. Shelf.			SECTIONS 31, 32, 33.		
III.	78	4	Cardiaster fossarius	Upper Greensand.	Devizes.
	79	4	" "	"	Alton, Hants.
	80	1	" "	"	Coward's Shoot, Shaftesbury.
	81	1	" suborbicularis [1]	"	Osmington Mills.
	82	1	"	"	Isle of Wight.
	83	1	" [1]		
	84	1	"	"	Warbarrow Bay.
	85	1	Micraster [2]	"	Devizes.
IV.	1	1	Serpula plana	"	3 m. W. of Warminster.
	2	2	Vermetus polygonalis	"	Osmington Mills.
	3	7	Vermicularia	"	Cerne Abbas, Dorset.
	4	12	Pollicipes [3]	"	Cambridge.
	5	2	Eucorystes Carteri	"	"
	6	3	Necrocarcinus Bechei	"	Warminster.
	7	1	" [1]	"	Lyme Regis.
	8	1	Podopilumnus Fittoni [4]	"	"
	9	1	Hoploparia longimana	"	"
	10	1	" "	"	"
	11	1	" "	"	"
	12	3	" " [4]	"	"
	13	1	" "	"	"
	14	1	" " [5]	"	"
	15	1	" "	"	"
	16	1	" " [1]	"	"
	17	1		"	Cambridge.
	18	7	Belemnites ultimus	"	Warminster.
	19	4	" "	"	"
	20	7	" minimus [3]	"	Cambridge.
	21	6	" " [1]	"	Barnwell.
	22	1	Ammonites auritus [2]	"	Devizes.
	23	12	" varicosus [1]	"	Blackdown.
	24	1	" rostratus [2]	"	Devizes.
	25	1	" varians	"	Newsted, Hants.
	26	1	" " [2]	"	Hythe.
	27	1	" interruptus [1]	"	Folkestone.
	28	6	" Goodhallii [1]	"	Blackdown.
	29	4	" "	"	"
	30	3	" mammillaris	"	Folkestone.
	31	1	" Beudantii	"	Blackdown.
	32	2	"	"	Devizes.
	33	1	"	"	Isle of Wight.
	34	5	"	"	"
	35	1	Baculites [6]	"	Warminster.
V.	1	1	Brachiolites labrosus	Chalk Marl	Dover.
	2	1	"	"	"
	3	1	Ventriculites	"	"

[1] Presented by Sir E. H. Bunbury, Bart., M.P.
[2] Presented by S. W. Sloper, Esq.
[3] " L. Barrett, Esq.
[4] " C. Stokes, Esq.
[5] " Capt. Naylor.
[6] " H. Owen, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XII. Shelf V.			SECTIONS 31, 32, 33.		
	4	1	Ventriculites - - -	Chalk Marl	Dover.
	5	5	Micrabacia coronula [1] - -	" -	Cambridge.
	6	1	Goniaster - - - -	" -	Isle of Wight.
	7	1	Diadema pustulata [2] - -	" -	Chardstock.
	8	2	" Brongniartii - -	" -	Dorsetshire.
	9	2	" - - - -	" -	Maiden Bradley.
	10	1	" - - - -	" -	Folkestone.
	11	1	" - - - -	" -	Hamsey.
	12	8	Discoidea cylindrica - -	" -	Dorsetshire.
	13	2	Salenia petalifera [2] - -	" -	Chardstock.
	14	1	" personata - - -	" -	High Stoy.
	15	2	" " - - -	" -	Maiden Bradley.
	16	1	" - - - -	" -	Folkestone.
	17	1	" - - - -	" -	"
	18	9	Galerites subucula - -	" -	7, 11, 15, 19.
	19	2	" castanea - -	" -	Tytherleigh.
	20	4	" " - - -	" -	Dorsetshire.
	21	4	" " - - -	" -	
	22	6	" " - - -	" -	W. Chaldon, Dorsetshire.
	23	5	Nucleolites lacunosus - -	" -	Maiden Bradley.
	24	4	" carinatus [3] - -	" -	Chard.
	25	1	Pyrina ovulum [4] - - -	" -	Tetherleigh.
	26	1	" Pratii [4] - - -	" -	"
	27	7	Ananchytes lævis - -	" -	Maiden Bradley, Wilts.
	28	2	Cardiaster fossarius [5] - -	" -	Alton, Hants.
	29	1	" [6] - - - -	" -	Isle of Wight.
	30	7	Holaster subglobosus - -	" -	Dorsetshire.
	31	6	" " - -	" -	Chaldon.
	32	1	" " [2] - -	" -	Dover.
	33	2	" " - -	" -	Dorsetshire.
	34	1	Brissus minimus - -	" -	Dover.
	35	2	Serpula - - - -	" -	Maiden Bradley.
	36	1	Pollicipes - - - -	" -	Urchfont, Devizes.
	37	2	Adelia Bechei [7] - - -	" -	Cambridge.
	38	2	Etyus Martini [7] - - -	" -	"
	39	4	Palæocorystes Carteri [7] -	" -	"
	40	5	" Stokesii - -	" -	"
	41	5	" " - -	" -	"
	42	4	" " [1] - -	" -	"
	43	12	Hoploparia - - - -	" -	Chardstock.
	44	2	Belemnites lanceolatus -	" -	Butser Hill.
	45	2	Nautilus Deslongchampsianus	" -	1, Lewes; 2, Weymouth.
	46	2	" " -	" -	Dorsetshire.
	47	1	" " -	" -	Warminster.
	48	14	" lævigatus - -	" -	Dorsetshire.
	49	1	" " - -	" -	West Compton, Dorsetshire.
	50	1	" " - -	" -	" "
	51	1	" " [2] - -	" -	Compton Bay.

[1] Presented by L. Barrett, Esq. [2] Presented by Sir E. H. Bunbury, Bart., M.P.
[3] " Prof. J. Morris. [4] " S. P. Pratt, Esq.
[5] " — Curtis, Esq. [6] " Capt. Ibbetson, F.R.S.
[7] Presented by J. Carter, Esq.

Tablet.	Specimen.	Name.	Formation.	Locality.
		SECTIONS 31, 32, 33.		
52	3	Nautilus lævigatus [1] - -	Chalk Marl	Cambridge.
53	2	" Largilliertianus -	" -	Dorsetshire.
54	1	" " -	" -	Weymouth.
55	1	" - - - -	" -	Warminster.
56	2	Ammonites navicularis [1] -	" -	Man of War Cove.
57	1	" " -	" -	Chard.
58	1	" " -	" -	Warminster.
59	1	" Rothomagensis -	" -	Chard.
60	1	" Mantelli - -	" -	
61	12	" varians - -	" -	Dorsetshire.
62	10	" " - -	" -	"
63	4	" " - -	" -	1, 2, Monks Horton; 3, Dormington; 4, White Nore.
64	5	" " - -	" -	Maiden Bradley.
65	7	" " - -	" -	" "
66	3	" Coupei [1] - -	" -	Man of War Cove.
67	3	" rostratus [1] - -	" -	Alton.
68	9	" - - - -	" -	Dorsetshire.
69	1	" - - - -	" -	Warminster.
70	2	" [1] - - -	" -	Compton Bay, Isle of Wight.
1	2	Turrilites tuberculata - -	" -	Dover.
2	1	" " [2] - -	" -	
3	3	" " - -	" -	Dover and Calne.
4	1	" " - -	" -	Devizes.
5	2	" undulatus - -	" -	Dover.
6	1	" " [2] - -	" -	"
7	1	" " - -	" -	Hamsey.
8	1	" Desnoyerii - -	" -	Cerne Abbas.
9	8	" - - - -	" -	Dorsetshire.
10	13	Scaphites æqualis - - -	" -	"
11	2	" " - - -	" -	Monks Horton.
12	1	Hamites armatus - - -	" -	Near Beaminster, Dorsetshire.
13	1	" - - - -	" -	Cambridge.
14	4	" simplex - - -	" -	Dorsetshire.
15	1	" - - - -	" -	White Nore.
16	2	" - - - -	" -	Maiden Bradley.
17	1	Baculites - - - -	" -	Isle of Wight.
		SECTIONS 34, 35, 36.		
1	1	Teredo - - - -	Upper Greensand.	Blackdown.
2	1	Nautilus pseudo-elegans -	" -	Devizes.
3	1	" " -	" -	Warminster.
4	1	" " -	" -	
5	1	" " -	" -	Melbury Hill, Dorsetshire.

[1] Presented by Sir E. H. Bunbury, Bart., M.P. [2] Presented by E. Clark, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIII. Shelf.			SECTIONS 34, 35, 36.		
I.	6	1	Nautilus pseudo-elegans -	Upper Greensand.	Warminster.
	7	1	Ammonites Goodhallii - -	" -	Blackdown.
	8	1	" rostratus [1] - -	" -	Devizes.
	9	1	" " [2] - -	" -	
	10	1	" " - -	" -	Devizes.
	11	1	" " [3] - -	" -	Isle of Wight.
	12	1	Ancyloceras varians [3] - -	" -	"
	13	1	" Matheronianus [3]	" -	"
	14	1	Nautilus - - - - -	Chalk Marl	
	15	1	" elegans - - -	" -	Warminster.
	16	1	Ammonites Rotomagensis [4] -	" -	Dover.
	17	1	" " -	" -	
	18	1	" " -	" -	
	19	1	" Austeni - -	" -	Clevancy, Wilts.
	20	1	" rusticus - -	" -	
	21	1	" navicularis [2] -	" -	Basset Down.
	22	1	Nautilus elegans - - -	" -	Dover.
	23	1	" " [5] - - -	" -	Near Lewes.
	24	1	" pseudo-elegans [5] -	" -	"
	25	1	" " -	" -	
II.	1	1	Brachiolites - - -	Lower Chalk	Dover.
	2	1	" - - - -	" -	"
	3	4	" - - - -	" -	"
	4	1	" - - - -	" -	"
	5	4	- - - -	" -	"
	6	2	- - - -	" -	"
	7	1	Stephanophyllia Bowerbankii	" -	"
	8	1	Pentacrinus Agassizii - -	" -	Between Dover Folkestone.
	9	1	" - - - -	" -	Folkestone.
	10	1	Ophiura - - - -	" -	Dover.
	11	1	Ophioderma - - -	" -	Near Folkestone.
	12	1	Goniaster Mosaicus [6] - -	" -	Dover.
	13	1	" " [6] - -	" -	"
	14	1	" " [4] - -	" -	"
	15	1	" Coombii - -	" -	"
	16	2	" - - - -	" -	"
	17	3	Hemiaster Morrissii - -	" -	"
	18	2	Diadema ornatum - -	" -	"
	19	1	" " - -	" -	Near Folkestone.
	20	1	" variolare - -	" -	Dover.
	21	4	" " - -	" -	"
	22	1	" " - -	" -	Near Folkestone.
	23	1	" - - - -	" -	"
	24	1	" - - - -	" -	"
	25	1	" - - - -	" -	Dover.
	26	2	" - - - -	" -	"

[1] Presented by W. Cunnington, Esq. [2] Presented by S. P. Pratt, Esq.
[3] " Capt. Ibbetson. F.R.S. [4] " Sir E. H. Bunbury, Bart., M
[5] " Robt. Hudson, Esq. [6] " E. Clark, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIII. Shelf. II.			SECTIONS 34, 35, 36.		
	27	1	Diadema [1] - - - -	Lower Chalk	Dover.
	28	5	Discoidea subucula - -	" -	Near Folkestone.
	29	4	Salenia Clarkii [2] - -	" -	Dover.
	30	1	" " - - -	" -	"
	31	1	" " [2] - - -	" -	"
	32	3	" Austeni [3] - -	" -	"
	33	3	" personata - - -	" -	"
	34	1	" " - - -	" -	"
	35	1	" Bunburyi - -	" -	"
	36	1	" " [3] - -	" -	Maidenhall.
	37	1	" clathrata [2] - -	" -	Dover.
	38	2	" umbrella - - -	" -	"
	39	1	" - - - - -	" -	"
	40	3	Cidaris dissimilis [2] - -	" -	"
	41	1	" serrifera [2] - -	" -	"
	42	2	" " [4] - - -	" -	"
	43	1	" " - - -	" -	"
	44	1	" Bowkerbankii - -	" -	"
	45	1	" [1] - - - -	" -	
	46	6	Galerites cylindricus [5] -	" -	Gayton, Whittington, Stoke Ferry, Norfolk.
	47	1	" " - -	" -	Near Lewes.
	48	2	" " [3] - -	" -	*a*, Near Weymouth ; *b*, Maidstone.
	49	7	Holaster subglobosus - -	" -	Dover.
	50	3	" Trecencis - -	" -	Whittington, near Stoke Ferry, Norfolk.
	51	1	" bicordatus [6] - -	" -	Dover.
	52	1	Epiaster crassissimus - -	" -	"
III.	1	1	Serpula annulata - - -	" -	Near Folkestone.
	2	1	" - - - - -	" -	Dover.
	3	1	" - - - - -	" -	"
	4	3	" [3] - - - - -	" -	"
	5	1	" [2] - - - - -	" -	
	6	6	" [3] - - - - -	" -	
	7	1	" - - - - -	" -	Dover.
	8	5	Vermetus [3] - - -	" -	Isleham, nr. Cambridge.
	9	6	Vermilla - - - -	" -	Dover.
	10	11	Vermicularia umbonata -	" -	
	11	1	Loricula pulchella [7] - -	" -	Cuxton, nr. Rochester.
	12	1	Pollicipes maximus - -	" -	Dover.
	13	1	" [8] - - - -	" -	"
	14	3	" [3] - - - - -	" -	
	15	4	Enoploclytia Dixoni [3] - -	" -	Maidstone.
	16	3	" " [3] - -	" -	"
	17	3	" " [3] - -	" -	Burham, nr. Chatham.
	18	1	" " [3] - -	" -	Maidstone.
	19	2	" " [3] - -	" -	"

[1] Presented by C. Gould, Esq. [2] Presented by E. Clark, Esq.
[3] " Sir E. H. Bunbury, Bart., M.P. [4] " C. F. Cockburn, Esq.
[5] " C. B. Rose, Esq. [6] " C. R. Bone, Esq.
[7] " W. Whitaker, Esq. [8] " — Law, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIII. Shelf.			SECTIONS 34, 35, 36.		
III.	20	6	Enoploclytia Sussexiensis -	Lower Chalk.	
	21	1	" " [1] -	" -	Lewes.
	22	1	" " -	" -	Dover.
	23	1	" - - -	" -	Duneton, nr. Petworth.
	24	1	" [2] - - -	" -	Lewes.
	25	2	Belemnitella plena [2] - -	" -	Dover.
	26	5	" " [3] - -	" -	Burham, Kent.
	27	3	" " - -	" -	Cerne Abbas.
	28	1	" lanceolata -	" -	Dover.
	29	1	Nautilus elegans [2] -	" -	"
	30	1	" Deslongchampsianus	" -	Near Folkestone.
	31	2	" " -	" -	Dover.
	32	1	" " [2] -	" -	"
	33	1	" Sowerbyi [2] - -	" -	
	34	1	" Fleuriausianus [3] -	" -	Halling.
	35	3	Ammonites Rothamagensis [2]	" -	Dover.
	36	3	" " [2]	" -	"
	37	2	" navicularis -	" -	"
	38	1	" varians -	" -	Niton.
	39	1	" - - - -	" -	Dover.
	40	1	" - - - -	" -	Brighton.
	41	1	Scaphites æqualis [4] - -	" -	Glynde, near Lewes.
	42	1	" " - - -	" -	Lewes.
	43	3	Turrilites tuberculatus [2] -	" -	Dover.
	44	1	" " - -	" -	Quaddington.
	45	2	" costatus [2] - -	" -	Dover.
	46	2	" " - -	" -	"
	47	1	" undulatus - -	" -	"
	48	2	Hamites simplex - - -	" -	"
IV.	1	1	Dicotyledonous Wood [5] -	Upper Chalk	Charlton, Kent.
	2	1	Wood - - - - -	" -	Dover.
	3	2	Spongia plana [2] - - -	" -	Bridlington.
	4	6	" " [6] - - -	" -	Flamborough Head.
	5	2	" ramosa - - -	" -	Warminster.
	6	2	" " - - -	" -	"
	7	2	" " - - -	" -	"
	8	3	" " - - -	" -	Hewish Hills.
	9	1	" - - - -	" -	Warminster.
	10	4	" cribrosa [6] - -	" -	Flamborough Head.
	11	5	" porosa [6] - - -	" -	"
	12	3	" radiciformis [6] -	" -	"
	13	1	" convoluta [2] - -	" -	Bridlington.
	14	1	" [6] - - - -	" -	Flamborough Head.
	15	1	" [6] - - - -	" -	"
	16	1	" capitata [6] - -	" -	"
	17	1	" [6] - - - -	" -	"
	18	1	" - - - -	" -	Grays.
	19	1	" [7] - - - -	" -	Near Maidstone.

[1] Presented by — Law, Esq. [2] Presented by Sir E. H. Bunbury, Bart., M.P.
[3] " N. T. Wetherell, Esq. [4] " — Nightingale, Esq.
[5] " M. Bullen, Esq. [6] " the Marchioness of Hastings.
[7] Presented by E. Clark, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIII. Shelf.			SECTIONS 34, 35, 36.		
IV.	20	2	Ventriculites decurrens -	Upper Chalk	Dover.
	21	1	" " - -	" -	Lewes.
	22	2	" mammillaris -	" -	Dover.
	23	1	" quincuncialis -	" -	Lewes.
	24	2	" " -	" -	Brighton.
	25	1	" radiatus -	" -	
	26	2	" " [1] -	" -	Near Chichester.
	27	2	" impressus -	" -	Dover.
	28	12	" " [2] -	" -	
	29	2	" bicomplicatus [2]	" -	Maidstone.
	30	2	" - - - -	" -	Warminster.
	31	5	" - - - -	" -	Heytesbury.
	32	6	" - - - -	" -	Cocking, Sussex.
	33	2	" - - - -	" -	White Barn, Upcerne.
	34	1	" - - - -	" -	Isle of Wight.
	35	1	Brachiolites digitatus - -	" -	Dover.
	36	1	" angularis -	" -	"
	37	1	Choanites Königii - -	" -	Warminster.
	38	1	" - - - -	" -	Brighton.
	39	2	Cephalites longitudinalis -	" -	
	40	1	" guttatus [2] - -	" -	
	41	1	Clionites Conybeari [3] - -	" -	Surrey.
	42	1	Ocellaria [2] - - -	" -	
	43	1	" - - - -	" -	Heytesbury.
V.	1	3	Parasmilia centralis [4] - -	" -	Gravesend.
14	2	11	" " [5] - -	" -	Northfleet.
	3	2	" [2] - - - -	" -	Depling, nr. Maidstone.
	4	7	" - - - -	" -	Lewisham, Charlton, Gravesend, Ramsgate.
	5	3	Cyathina lævigata [2] - -	" -	
	6	2	Comatula - - - -	" -	Dover.
	7	5	Marsupites Milleri [2] - -	" -	Sussex.
	8	8	" " - -	" -	Houghton.
	9	1	" ornatus - -	" -	Basingstoke.
	10	1	Bourgueticrinus ellipticus -	" -	Charlton.
	11	9	" " [5] -	" -	Gravesend and Northfleet.
	12	12	" " -	" -	Grays, Essex.
	13	7	" " -	" -	Near Blackheath.
	14	4	Pentacrinus [5] - - -	" -	Brighton.
	15	1	" - - - -	" -	
	16	1	" - - - -	" -	
	17	1	Goniaster Coombii - -	" -	Maidstone.
	18	1	" " - -	" -	Woolwich.
	19	1	" Hunteri - -	" -	Bromley.
	20	2	" " - -	" -	
	21	1	" uncatus - -	" -	Lewisham.
	22	1	" " - -	" -	
	23	2	" " [2] - -	" -	Gravesend & Bromley.

[1] Presented by E. Clark, Esq. [2] Presented by Sir E. H. Bunbury, Bart., M.P.
[3] " R. Godwin-Austen, Esq. [4] " M. Wright, Esq.
[5] Presented by N. T. Wetherell, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
			SECTIONS 34, 35, 36.		
XIII. Shelf. V.	24	1	Goniaster compactus [1] - -	Upper Chalk	Woolwich.
	25	1	" Mantelli [2] - -	" -	
	26	2	" lunatus - -	" -	Sittingbourne.
	27	2	" " - -	" -	
	28	1	" sublunatus - -	" -	Bromley.
	29	4	" " [2 3] - -	" -	"
	30	6	" rugatus [2 3] - -	" -	Gravesend.
	31	3	" Comptoni - -	" -	
	32	1	" mosaicus [4] - -	" -	Dover.
	33	4	" Parkinsoni - -	" -	
	34	1	" " - -	" -	Woolwich.
	35	1	" [3] - - - -	" -	Bromley.
	36	1	" - - - -	" -	
	37	1	" [5] - - - -	" -	Gravesend.
	38	3	" - - - -	" -	Dover.
	39	2	" [3] - - - -	" -	Bromley.
	40	1	" [5] - - - -	" -	Gravesend.
	41	1	" [2] - - - -	" -	Sussex.
	42	2	" [3] - - - -	" -	Purfleet.
	43	1	" [6] - - - -	" -	
	44	1	" [6] - - - -	" -	
	45	1	" [6] - - - -	" -	
	46	1	" [3] - - - -	" -	
	47	1	" [1] - - - -	" -	Dover.
	48	1	Oreaster bulbiferus [3] - -	" -	Bromley.
	49	5	" " - -	" -	
	50	1	" pistilliferus [6] - -	" -	
	51	1	" Boysii [6] - - -	" -	
	52	1	" [6] - - - -	" -	
	53	1	" [2] - - - -	" -	
	54	1	" - - - -	" -	
	55	1	" - - - -	" -	
	56	1	Salenia granulosa [3] - -	" -	Greenhythe.
	57	9	" " [3] - -	" -	Warminster and Dover.
	58	2	Discoidea subucula [7] - -	" -	More Seat, Aberdeenshire.
	59	6	Cyphosoma ornatissimum -	" -	Gravesend.
	60	3	" Königii [2] - -	" -	
	61	1	" " - -	" -	
	62	2	" Tiara [2] - -	" -	Gravesend.
	63	2	" Milleri [3] - -	" -	
	64	1	" " - -	" -	
	65	1	" " - -	" -	
	66	1	" simplex - -	" -	Dover.
	67	1	" " [1] - -	" -	"
	68	7	" corollare - -	" -	
	69	1	" Wetherelli [2] -	" -	Gravesend.
	70	1	" spatuliferum -	" -	
	71	3	" [2] - - - -	" -	

[1] Presented by C. F. Cockburn, Esq.
[2] Presented by N. T. Wetherell, Esq.
[3] " Sir E. H. Bunbury, Bart., M.P.
[4] " E. Clark, Esq.
[5] " Dr. A. W. Lewis.
[6] " the Marquis of Northampton, K.G.
[7] Presented by W. Ferguson, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIII. Shelf.			SECTIONS 34, 35, 36.		
V.	72	2	Cyphosoma - - -	Upper Chalk	Canterbury.
	73	2	" - - - -	" -	Gravesend.
	74	1	" [1] - - - -	" -	Chute, Wiltshire.
	75	2	New - - - - -	" -	Dover.
VI.	1	6	Cidaris personata [2] - -	" -	Bromley and Higham.
	2	5	" " [3] - -	" -	Gravesend.
	3	2	" " [3] - -	" -	"
	4	1	" " - - -	" -	
	5	1	" " - - -	" -	Gravesend.
	6	1	" " - - -	" -	Bromley.
	7	15	" clavigera [3] - -	" -	Gravesend and Northfleet.
	8	8	" " [2] - - -	" -	Bromley.
	9	1	" " - - -	" -	
	10	10	" " - - -	" -	
	11	8	" vesiculosa [3] - -	" -	Gravesend.
	12	1	" " - - -	" -	
	13	1	" sceptrifera [2] - -	" -	Maidstone.
	14	1	" " - - -	" -	Gravesend.
	15	1	" " - - -	" -	Bromley.
	16	2	" " - - -	" -	Near Folkestone.
	17	1	" " - - -	" -	Gravesend.
	18	3	" " - - -	" -	
	19	1	" " [4] - -	" -	Woolwich.
	20	2	" " [2] - -	" -	Maidstone.
	21	6	" " [3] - -	" -	Gravesend.
	22	4	" " [4] - -	" -	Northfleet, Gravesend.
	23	2	" serrifera [3] - - -	" -	Gravesend.
	24	2	" " [2] - - -	" -	Bromley.
	25	1	" " [2] - - -	" -	"
	26	8	" abbreviata [3] - -	" -	Gravesend.
	27	2	Galerites albo-galerus - -	" -	Kent.
	28	2	" " - -	" -	"
	29	9	" " - -	" -	Gravesend & Rochester.
	30	6	" sub-rotundus -	" -	Gravesend.
	31	1	" " - -	" -	Woolwich.
	32	1	" " - -	" -	Gravesend.
	33	6	" cylindricus - -	" -	Maidstone, &c.
	34	9	" Dixoni - -	" -	Frome St. Quinton.
	35	2	" globulus [4] - -	" -	Dover.
	36	3	Ananchytes ovatus - -	" -	
	37	4	" " - -	" -	Norwich
	38	4	" " - -	" -	"
	39	2	" " - -	" -	
	40	2	" " [4] - -	" -	Dover.
	41	1	" Trecencis [4] - -	" -	
	42	1	" Bayfieldi [5] - -	" -	Norwich.
	43	2	Holaster planus [2] - - -	" -	1, Norwich; 2, Gravesend.

[1] Presented by the Rev. F. Dyson. [2] Presented by Sir E. H. Bunbury, Bart., M.P.
[3] " N. T. Wetherell, Esq. [4] " C. F. Cockburn, Esq.
[5] Presented by S. P. Woodward, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIII. Shelf. VI.			SECTIONS 34, 35, 36.		
	44	12	Holaster pillula - - -	Upper Chalk	*a*, Norwich; *b*, Brighton.
	45	1	" Trecencis - -	" -	
	46	1	" " - -	" -	Suffolk.
	47	2	" lævis - - -	" -	"
	48	1	" " [1] - - -	" -	Bogingarry, Aberdeen.
	49	2	Cardiaster granulosus [2] -	" -	Norwich.
	50	2	" tricus [3] - -	" -	Swaffham, Norfolk.
	51	1	" Cotteaunus [4] -	" -	Dover.
	52	3	" " [4] -	" -	"
	53	3	" rostratus [4] - -	" -	Bostal Heath, near Plumstead.
	54	1	" Cockburni [4] -	" -	Dover.
	55	6	" pygmæus [4] - -	" -	"
17	56	4	Micraster cor-anguinum [4] -	" -	Gravesend. Brigh
	57	4	" " -	" -	
	58	2	" " -	" -	
	59	1	" " [5] -	" -	
	60	1	" " -	" -	
	61	1	" " -	" -	
	62	1	" " -	" -	
	63	5	" " -	" -	
	64	10	" " -	" -	
	65	1	" cor-bovis [6] - -	" -	
	66	3	" " [6] - -	" -	Near Maidstone.
	67	2	" Mantelli - -	" -	Dover.
	68	3	Brissus minimus [4] - -	" -	"
	69	5	Spatangus - - - -	" -	
XIV. Shelf. I.			SECTION 37.		
	1	1	Wood perforated by Teredo -	" -	Charlton.
	2	1	Brachiolites - - - -	" -	Dover.
	3	1	" - - - -	" -	"
	4	1	Ventriculites - - -	" -	Charlton.
	6	1	Serpula plexus - - -	" -	
	6	1	Inoceramus digitatus [7] - -	" -	Grays, Essex.
	7	1	" " [8] - -	" -	Gravesend.
	8	1	" Lamarckii - -	" -	Dover.
	9	1	" " - -	" -	
13	~~10~~	~~1~~	" Lamarckii -	" -	Swanage
	11	1	" involutus - -	" -	
	12	1	" " [9] - -	" -	Abbots Langley, Wilts.
	13	1	" Brongniartii -	" -	Dover.
	14	1	Radiolites Mortoni - -	" -	Northfleet.
	15	1	Teredo amphisbæna - -	" -	
	16	1	Ammonites Griffithii - -	" -	
	17	1	" Lewisiensis -	" -	
	18	1	" - - - -	" -	Dover.

[1] Presented by W. Ferguson, Esq. [2] Presented by S. P. Woodward, Esq.
[3] " C. B. Rose, Esq. [4] " C. F. Cockburn, Esq.
[5] " N. T. Wetherell, Esq. [6] " Sir E. H. Bunbury, Bart., M.P.
[7] " C. Gould, Esq. [8] " Viscount Templeton.
[9] Presented by J. Dickinson, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIV. Shelf.			SECTION 37.		
II.	1	3	Serpula plexus	Upper Chalk	Northfleet.
	2	5	" [1]	"	Gravesend.
	3	1	" [1]	"	
	4	1	" [1]	"	
	5	3	" [1]	"	Brighton.
	6	1	Vermetus [1]	"	
	7	5	" [1]	"	
	8	4	Pollicipes maximum [1]	"	Isleham.
	9	3	"	"	1, Stonar Hill; 2, Lewes 3, Bury.
	10	3	Enoploclytia Dixoni [1]	"	Maidstone.
	11	2	" Sussexiensis	"	Gravesend.
	12	2	" "	"	Bury.
	13	2	" macrodactylus	"	Woolwich.
III.	1	6	Lunulites [1]	"	
	2	4	" cretaceus	"	Portsdown.
	3	10	"	"	Kent.
	4	1	" [1]	"	Purfleet.
	5	1	Conodyctium	"	Dorchester.
	6	3	" [1]	"	
	7	12	Millepora globularis	"	Isle of Wight.
	8	6	"	"	
	9	2	" [1]	"	Warminster.
19	10	1	Holostoma contingens [2]	"	Gravesend. Brighton
	11	1		"	Bromley.
	12	2		"	St. Margaret's, nr. Dover.
	13	1		"	Lewes.
	14	1		"	Near Maidstone.
	15	1		"	Purfleet.
	16	6		"	Essex.
	17	2		"	Malling, near Lewes.
	18	2		"	
	19	1		"	Dover.
	20	5		"	Kent.
	21	2		"	Lewes.
	22	2		"	Dover.
	23	2		"	
	24	1		"	Kent.
	25	4		"	Lewes.
	26	1		"	
	27	1		"	Malling, near Lewes.
	28	1		"	Kent.
	29	1		"	Brighton.
	30	1		"	Bromley.
	31	1		"	Kent.
	32	4		"	
	33	1	Clionia	"	Isle of Wight.
IV.	1	2	Belemnitella mucronatus	"	
	2	3	" " [1]	"	
	3	4	" "	"	Rook's Hill.

[1] Presented by Sir E. H. Bunbury, Bart., M.P. [2] Presented by W. Whitaker, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIV. Shelf. VI.			SECTION 37.		
	4	1	Bellemnitella mucronatus [1] -	Upper Chalk	Bridlington.
	5	4	" lanceolata [2] -	" -	Brighton.
	6	12	" " [2] -	" -	Northfleet.
	7	7	" subfusiforme -	" -	
	8	1	" quadrata -	" -	Brighton.
	9	9	" - - -	" -	
	10	8	" - - -	" -	
	11	1	Nautilus Deslongchampsianus	" -	Dover.
	12	1	Rhyncholites - - -	" -	Gravesend.

[1] Presented by Sir E. H. Bunbury, Bart., M.P. [2] Presented by N. T. Wetherell, Esq.

UPPER GALLERY.

MESOZOIC DIVISION.

I.—NEWER MESOZOIC VERTEBRATA.

(Wall Cases XIV A, XIV B.)

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
			SECTION 38.		
XIV A. Shelf. II.	1	5	Coprolites [1] - - - -	Lower Chalk	Maidstone.
	2	3	" - - - -	" -	Dover.
	3	4	" [1] - - - -	" -	Cherry Hinton.
	4	1	" - - - -	" -	Near Folkestone.
	5	4	" - - - -	Upper Chalk	Charing.
	6	1	" - - - -	" -	Gravesend.
	7	2	" - - - -	" -	Kent.
	8	3	" [2] - - - -	Gault -	Shalford, Surrey.
	9	1	Fin ray of Fish - - -	Lower Chalk	Maidstone.
	10	3	" - - -	" -	
	11	1	" - - -	" -	Dover.
	12	1	" - - -	Upper Greensand.	Cambridge.
	13	1	" [3] - - -	Gault -	Folkestone.
	14	1	" - - -	" -	"
	15	12	- - - - - -	Upper Greensand.	Cambridge.
	16	5	- - - - - -	" -	"
	17	12	- - - - - -	" -	"
	18	6	- - - - - -	" -	"
	19	10	- - - - - -	" -	"
	20	4	- - - - - -	" -	"
	21	5	- - - - - -	" -	"
	22	5	- - - - - -	" -	"
	23	1	- - - - - -	" -	"
	24	2	- - - - - -	Chalk Marl	"
	25	8	- - - - - -	Gault -	Folkestone.
	26	1	- - - - - -	" -	"
III.	1	7	Vertebræ - - - -	Upper Greensand.	Cambridge.
	2	1	" [4] - - - -	Chalk -	
	3	1	" [1] - - - -	" -	Maidstone.
	4	1	" - - - -	" -	"

[1] Presented by Sir E. H. Bunbury, Bart., M.P. [2] Presented by R. Godwin-Austen, Esq.
[3] " E. Clark, Esq. [4] " — Stoker, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
			SECTION 38.		
XIVA. Shelf. III.	5	1	Vertebræ - - - -	Chalk -	Dover.
	6	1	" - - - -	" -	"
	7	1	" - - - -	" -	
	8	5	Otodus appendiculatus [1] -	Lower Chalk	Dover.
	9	2	" " [1] -	" -	Burwell.
	10	1	" " [2] -	" -	Dover.
	11	1	" " -	Upper Chalk	Clay Hill, near Frome.
	12	1	" " [1] -	" -	Cherry Hinton.
	13	3	" " - -	Chalk Marl	Cambridge.
	14	16	" " - -	Upper Greensand.	Warminster.
	15	1	" " - -	" -	
	16	3	" " - -	" -	Cambridge.
	17	1	" " [3] -	Gault -	Folkestone.
	18	2	Lamna acuminata [1] - -	Lower Chalk	Isleham.
	19	1	" " [1] - -	" -	Guildford.
	20	1	" " - -	Lower Greensand.	Farringdon.
	21	1	" - - - -	" -	Maidstone.
	22	10	" - - - -	Chalk Marl	Cambridge.
	23	2	" longidens - - -	Gault -	Folkestone.
	24	6	" subulata - - -	" -	"
	25	3	" " - - -	" -	Lidhurst.
	26	4	Oxyrhina Mantelli - -	Chalk -	Clay Hill, near Frome.
	27	5	" " [1] - -	" -	Gravesend.
	28	3	" crassidens [1] - -	" -	
	29	1	Notidanus microdon [1] - -	" -	Burwell.
	30	1	Galeus pristodontus [1] - -	" -	Dover.
	31	5	Corax - - - - -	Upper Greensand.	Cambridge.
	32	1	" - - - - -	" -	"
	33	8	" - - - - -	Upper Chalk	Gravesend.
	34	9	" falcatus - - -	" -	"
	35	3	" " [1] - - -	" -	Bromley.
	36	13	" " - - -	Lower Chalk	Lewes.
IV.	1	1	Ptychodus mammillaris -	Upper Chalk	
	2	6	" " [1] -	Lower Chalk	Maidstone.
	3	2	" " -	Upper Chalk	
	4	1	" " [1] -	Chalk -	
15	5	5	" decurrens - -	Upper Chalk	Lewes, &c. Brighton
	6	8	" " - -	" -	
	7	1	" " - -	" -	
	8	4	" " - -	" -	Bury.
	9	9	" " [1] - -	Lower Chalk	Maidstone.
	10	2	" " [1] - -	" -	Cherry Hinton.
	11	1	" " - -	" -	Maidstone.
	12	1	" " - -	Chalk -	
	13	1	" altior [1] - -	" -	Near Lyme.
	14	3	" " - -	" -	Clay Hill, near Frome.

[1] Presented by Sir E. H. Bunbury, Bart., M.P. [2] Presented by Lieut. Cockburn.
[3] Presented by E. Clark, Esq.

se.	Tablet.	Specimen.	Name.	Formation.	Locality.
			SECTION 38.		
A. elf. V.	15	8	Ptychodus altior [1] - -	Upper Chalk	Maidstone.
	16	8	" " [1] - -	" -	
	17	1	" " - - -	Chalk -	Clay Hill, near Frome.
	18	1	" depressus [1] - -	Lower Chalk	Guildford.
	19	1	" latissimus - -	Upper Chalk	Clay Hill, near Frome.
	20	2	" " [1] - -	" -	Brandon.
	21	1	" " [2] - -	" -	Dover.
	22	1	" " [1] - -	Lower Chalk	"
	23	1	" paucisulcatus -	" -	
	24	1	" polygyrus - -	Chalk -	
	25	1	" - - - -	Upper Chalk	Lewes.
	26	1	" - - - -	" -	
	27	1	" - - - -	" -	Essex.
	28	1	" - - - -	" -	Kent.
	29	1	" - - - -	" -	Essex.
	30	6	" - - - -	" -	
	31	1	" - - - -	Chalk Marl	East Compton, Dorsetshire.
	32	1	Strophodus - - - -	Lower Greensand.	Farringdon.
	33	5	Hybodus - - - -	" -	"
	34	1	" - - - -	" -	Atherfield.
	35	5	" - - - -	Upper Greensand.	Melburry Hill, Dorset.
	36	1	" [3] - - - -	Gault -	Folkestone.
	37	4	Plethodus - - - -	Upper Greensand.	Cambridge.
	1	10	Ischyodon - - - -	Upper Greensand.	Cambridge.
	2	4	" - - - -	" -	"
	3	5	" - - - -	" -	"
	4	2	" - - - -	" -	"
	5	2	" - - - -	" -	"
	6	1	" - - - -	" -	"
	7	5	Edaphodon - - -	" -	"
	8	3	" - - - -	" -	"
	9	3	" - - - -	" -	"
	10	13	" - - - -	" -	"
	11	4	" - - - -	" -	"
	12	1	" [4] - - - -	Lower Greensand.	Atherfield.
	13	1	" [3] - - - -	Gault -	Folkestone.
	14	1	Macropoma Mantelli [3] - -	Lower Chalk	Dover.
	15	1	" " [3] -	" -	"
	16	1	" " [1] -	Chalk -	
	17	1	" - - - - -	-	
	18	1	" - - - - -	" -	Dover.
	19	2	" [1] - - - -	" -	Maidstone.

[1] Presented by Sir E. H. Bunbury, Bart, M.P. [2] Presented by S. P. Pratt, Esq.
" E. Clark, Esq. [4] " Capt. Ibbetson, F.R.S.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIV A. Shelf. VI.			SECTION 38.		
	1	1	Gyrodus [1] - - - -	Upper Chalk.	
	2	1	" - - - -	Lower Greensand.	Farringdon.
	3	2	" - - - -	Upper Greensand.	Cambridge.
	4	8	Pycnodus - - - -	Lower Greensand.	Farringdon.
	5	2	Tetragonolepis - - -	Upper Greensand.	Cambridge.
	6	2	Dercetis elongatis [2] - -	Upper Chalk	Maidstone.
	7	1	" - - - -	" -	Winchester.
	8	1	" - - - -	" -	Northfleet.
	9	1	Enchodus halocyon [3] - -	" -	Woolwich.
	10	1	" " [2] - -	Chalk -	Bromley.
	11	1	Beryx superbus [2] - -	" -	Kent.
	12	1	" Lewesiensis - -	Lower Chalk	Lewes.
	13	2	" microcephalus [2] -	" -	Maidstone.
	14	1	" radians [2] - -	" -	"
	16	1	" - - - - - -	" -	
	17	1	" [2] - - - - -	" -	Maidstone.
	18	1	" - - - - -	Upper Chalk	Lewes.
	19	1	" - - - - - -	" -	Moreland, near Str
	20	1	" [2] - - - - -	" -	Maidstone.
	21	1	" [4] - - - - -	Chalk -	Dover.
	22	1	" [4] - - - - -	" -	"
	23	1	" - - - - - -	" -	
	24	1	" [2] - - - - -	" -	
	25	1	" - - - - - -	" -	Lewes.
	26	1	" - - - - - -	Upper Chalk	Moreland, near Str
	27	1	" - - - - - -	" -	" "
	28	1	" - - - - - -	" -	" "
	29	1	" [2] - - - - -	Lower Chalk	Maidstone.
	30	1	Saurocephalus striatus [2] -	" -	Isleham.
	31	1	" lanciformis -	" -	Gravesend.
	32	1	" " [2] -	" -	Maidstone.
	33	1	" " -	Upper Chalk	
	34	1	" " -	Lower Chalk	Dover.
	35	1	" " -	Chalk -	
	36	3	" " -	Chalk Marl	1, Harlam; 2, Cambridge.
	37	5	" " -	" -	Cambridge.
	38	1	" - - - - -	Upper Chalk	Lewes.
	39	1	" - - - - -	" -	Rochester.
	40	1	" - - - - -	" -	Lewes.
	41	8	" - - - - -	Upper Greensand.	Cambridge.
	42	10	" - - - - -	" -	"
	43	6	" - - - - -	" -	"
	44	1	- - - - - -	" -	"
	45	1	- - - - - -	" -	"
	46	4	- - - - - -	" -	"

[1] Presented by W. Whitaker, Esq. [2] Presented by Sir E. H. Bunbury, Bart., M.P.
[3] " Lieut. Cockburn. [4] " E. Clark, Esq.

·e.	Tablet.	Specimen.	Name.	Formation.	Locality.
B. elf.			SECTION 39.		
I.	1	2	Ichthyosaurus [1] - - -	Chalk Marl	Cambridge.
	2	1	" - - -	" -	"
	3	5	" campylodon [1]	" -	"
	4	6	" " -	" -	Cambridge.
	5	1	" " [2]	" -	Isle of Wight.
	6	1	" " -	Upper Greensand.	Warminster.
	7	4	Plesiosaurus - - - -	" -	Cambridge.
	8	1	" - - - -	" -	"
	9	3	" pachyomus [1] -	Chalk Marl	"
I.	1	1	Chelone Benstedi [3] - -	Chalk -	Maidstone.
	2	1	" [3] - - - - -	" -	"
	3	1	" [3] - - - - -	" -	"
	4	2	Pterodactylus - - -	Upper Greensand.	Cambridge.
	5	13	" - - -	" -	"
	6	1	" - - -	" -	"
	7	2	" - - -	" -	"
	8	4	" - - -	" -	"
	9	1	" - - -	" -	"
	10	1	" - - -	" -	"
	11	5	" - - -	" -	"
	12	1	" - - -	" -	"
	13	1	" - - -	" -	"
	14	1	" - - -	" -	"
	15	1	" - - -	" -	"
	16	1	" - - -	" -	"
	17	1	" - - -	" -	"
	18	1	" - - -	" -	"
	19	1	" - - -	" -	"
	20	1	" - - -	" -	"
	21	1	" - - -	" -	"
	22	1	" - - -	" -	"
	23	1	" - - -	" -	"
	24	1	" - - -	" -	"
	25	1	" - - -	" -	"
	26	1	" - - -	" -	"
	27	1	" - - -	" -	"
	28	4	" - - -	" -	"
	29	1	" - - -	" -	"
	30	1	" - - -	" -	"
	31	1	" - - -	" -	"
	32	1	" - - -	" -	"
	33	6	" - - -	" -	"
V.	1	3	Polyptychodon interruptus [4] -	Gault -	Folkestone.
	2	1	" " [3] -	Upper Greensand.	Cambridge.

[1] Presented by L. Barrett, Esq.
[2] Presented by Capt. Ibbetson, F.R.S.
[3] " Sir E. H. Bunbury, Bart., M.P.
[4] " E. Clark, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIVB, Shelf. IV.			SECTION 39.		
	3	1	Polyptychodon continuus [1] -	Lower Greensand.	Sandgate.
	4	2	" - - -	Chalk Marl	Isle of Wight.
	5	2	Iguanodon - - - -	Upper Greensand.	Cambridge.
	6	1	Mosasaurus - - - -	Lower Chalk	Dover.
	7	1	" gracilis [2] - -	Upper Chalk	Ramsgate.
	8	2	- - - - - -	Upper Greensand.	Cambridge.

[1] Presented by E. Clark, Esq. [2] Presented by — Gole, Esq.

TABLE OF LOCALITIES OF MESOZOIC FOSSILS.

LIAS.

3	Stinchcombe, Gloucestershire.
4	Alham, Somersetshire.
5	Stinchcombe, Gloucestershire.
7	Westcombe, Gloucestershite.
9	Stinchcombe, Gloucestershire.
10	Upthorpe Farm.
11	Purke Farm.
14	Wottard, Bruton.
15	Road N. of Ilminster, Somersetshire.
22	Kingstone.
23, 24, 25	Road from Shipton Beauchamp to Boxton Hill.
28	Between Shipton Beauchamp and Compton Dunville.
30	Dawlish, Somersetshire.
31	Winsmoor Hill, nr Bovington.
32	Road leading from Bovington to Winsmoor Hill.
33	Boxton Hill, nr Radstock, Somersetshire.
35, 36	Stinchcombe, Gloucestershire.
37	Wotton, Gloucestershire.
39	Trent Barrow.
40	St. Michael's Hill, Montacute, Somersetshire.
44	Yeovil, Somersetshire.
45	Nr ditto
46	Nr Montacute, Somersetshire.
48	Nr Yeovil, "
50	Nr Sandford Orcas, Somersetshire.
51	Thorne-Coffin, Somersetshire.
52	Nr Yeovil, "
55	Nr West Stoke, "
56	Stinchcombe Park, Gloucestershire.
57	Stinchcombe, "

INFERIOR OOLITE.

	Crown Cross Knap, between St. Michael and Hinton St. George, Somersetshire.
2	Shipton Gorge, Dorsetshire.
3	" "
4	Between Shipton Gorge and Walditch.
5	Burton Bradstock, Dorsetshire.
6	Burton Cliff, Dorsetshire.
7	" "
8	Quarry ¼ m. W. of Burton Castle.
9	W. side of road leading from Burton Bradstock to Burton Castle.
10	Quarry ¼ m. E. of Bridport Harbour.
12	Between Bridport Harbour and Burton Bradstock.
13	Blue Ball quarries between Bridport and Traveller's Rest, Dorsetshire.
14, 15	Chideock Hill, Dorsetshire.
17	E. Watton Hill, "

19	Sheepslight, nr. Coker, Somersetshire.
20	" "
21	Hazelbury, Somersetshire.
22	Between Crewkerne and Hazelbury.
23	Crewkerne, Somersetshire.
26	Clapton.
27	Clifton, nr Yeovil, Somersetshire.
29	Bradford Abbas, Dorsetshire.
30	" "
31	Lane towards Bradford Abbas.
33	Lytellton Hill, S. Cadbury, Somersetshire.
34	Sherborne, Dorsetshire.
38	Halfway House between Sherborne and Yeovil, Somersetshire.
39	Between halfway House and Sherborne.
42	Beaminster, Dorsetshire.
45	Horn Park, nr Beaminster.
46	Broadwindsor, Dorsetshire.
49	Mapperton, "
50	Stoke Knaps, "
51	
52	Loders, "
54	Higher Loders, "
55	Whatley, Somersetshire.
56	" "
58	Smokeham, Dorsetshire.
59	Poorstock lime-kiln, Dorsetshire.
62	Corfe Hill, Dorsetshire.
63	Greenland between Sandford Orcas and Corton Denham.
64	
65	Babylon Hill, nr Yeovil.
66	Perrott, Dorsetshire.
68	Middle Chinnock, Somersetshire.
70	Littleton Hill quarries, Dorsetshire.
72	Chiselborough, Somersetshire.
73	Crackment Hill, Dorsetshire.
75	N.E. of Compton Pauncefoot, Somerset.
76	W. Swillets, Dorsetshire.
77	Ilcombe, Dorsetshire.
78	N. end of Horethorne Down, Somerset.
79	Trigonometrical station, Corton Ash, Dorsetshire.
80	Barrow Hill.
81	Hadspen House, nr Castle Carey.
83	Sunny Hill House, Dorsetshire.
84	Whatley, nr Frome, Somersetshire.
85	Lusty.
86	Egford, nr Frome.
87	On the road from Egford to Murdercombe, Somersetshire.
88	W. of Pilcombe, Somersetshire.
89	S. of Pilcombe, "
90	E. of Pilcombe, "
91	S.E. of Pilcombe, "
92	S. of Castle Carey, "
94	Creech Hill, Bruton, "
95	Hawkesbury Upton, Gloucestershire.
96	N. Nibley, Gloucestershire.
97	Nibley Knoll, "
98	" "
100	Quarry above Wotton "
101	S. of Lamyatt Beacon, Somersetshire.
103	Frocester Hill, Gloucestershire.
105	Breakheart Hill.
106	Camlongdown, Gloucestershire
107	
108	
109	Nr Radstock, Somersetshire.
111	Splats Hill.
113	Road up to Black quarry, Wotton-under-Edge, Gloucestershire.
116	Cooper's Hill, Birdlip, near Cheltenham.
117	Birdlip, Cheltenham.
118	Dundry, nr Bristol.

FULLER'S EARTH.

1	Radstock, Somersetshire.
2	Hawkesbury Upton, Gloucestershire.
3	Wortley, Gloucestershire.
5	Rushmere Farm.
7	Nr W. Bexington, Dorsetshire.
12	Barrowfield turnpike.
14	W. of Pitcombe.
15	S. of Godminster, Dorset.
19	Radstock, Somersetshire.
23	Lime Kiln quarry, E.S.E. of Mapperton, Dorsetshire.
24	Road S. end of Cattle Hill.
26	Below Stowell, Somersetshire.
32	South coast of Spettlecome.
36	Lamyatt Beacon, Somersetshire.
38	Lenthay, near Sherborne, Dorsetshire.

CORNBRASH.

7	Rampisham, Dorsetshire.
21	Brook section in lane leading from Melbury Osmond to Buck's Head.
31	Corscombe, Dorsetshire.
42	Between North Hill and Shipton Gorge.
50	Closeworth, Somersetshire.
55	Nr Hooper's Pool, Wiltshire.

CORAL RAG.

5	Newland, nr Glanvilles Wotton, Dorsetshire.	10	E. Stour, Dorsetshire.
6	Mere, Wiltshire.	11	Nr Duntishe, Dorsetshire.
7	S.E. of Stacey's Farm, Todbere, Dorsetshire.	17	Stour Provost, ,,
8	Abbotsbury Castle, Dorsetshire.	21	Todbere, ,,
9	Tetbury Road-cutting, Gloucestershire.	28	Mappowder, ,,
		31	Between Sandsfoot Castle and Weymouth.
		38	W. side of Linton Hill, Abbotsbury.

CHLORITIC MARL.

1	Holywell, nr Evershot, Dorsetshire.	11	Minterne Magna, Dorsetshire.
2	Whitesheet Hill, nr Beaminster ,,	12	Chalmington, nr Frome, St. Quinton, Dorsetshire.
3	E. Compton. ,,	13	Ball Wood, N. of Plush, ,,
4	Gurt, ,,	14	Chattistock, ,,
5	Eggardon Hill ,,	15	High Stoy, ,,
6	Woolcombe ,,	16	Melbury Park, ,,
7	Between W. Compton and Winford Eagle.	17	Cerne Abbas, ,,
8	Cheddington, Dorsetshire.	18	Hillfield, ,,
9	Batcombe, ,,	19	Chaldon, ,,
10	Toller Fratrum, ,,		

UPPER GALLERY.

CAINOZOIC DIVISION.

EOCENE SERIES. (Flat Cases 54 to 63.)

J.—LOWER EOCENE GROUP. SECT. I.
FLAT CASES LIV. to LVII.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
LIV.	1	1	Modiola Mitchelli - -	Thanet Series.	Herne Bay.
	2	1	Cucullæa crassatina - -	" -	"
	3	4	Cyprina Morrisii - -	" -	Pegwell Bay.
	4	2	" " - - -	" -	Herne Bay.
	5	1	" " [1] - - -	" -	"
	6	2	" " - - -	" -	"
	7	5	Cytherea Bellovacina - -	" -	"
	8	6	" " - -	" -	"
	9	1	Venus - - - -	" -	Pegwell Bay.
	10	2	Glycimeris - - - -	" -	Herne Bay.
	11	2	Pholadomya cuneata - -	" -	Pegwell Bay.
	12	1	" " - -	" -	"
	13	1	Thracia oblata? - - -	" -	?
	14	2	" " - - -	" -	Herne Bay.
	15	2	Dentalium - - - -	" -	"
	16	4	Aporrhais Sowerbyi - -	" -	"
	17	1	Natica - - - - -	" -	"
	18	1	" patula - - -	" -	
	19	2	Ostrea edulina? - - -	Woolwich Series.	Charlton.
	20	1	" " - - -	" -	Hants.
	21	2	" " [1] - - -	" -	Charlton.
	22	4	" sp. - - -	" -	Headley, near Epsom.
	23	1	" " [3] - - -	" -	Reading.
	24	1	" Bellovacina - -	" -	Woolwich.
	25	10	" tenera - - -	" -	Charlton.
	26	3	" tenera & pulchra [3] -	" -	Peckham.
	27	12	" [4] - - - -	" -	Bromley.
	28	4	" [4] - - - -	" -	Woolwich.
	29	2	" elegans? [2] - - -	" -	New Cross.
	30	1	" pulchra - - -	" -	Charlton.
	31	2	" " - - -	" -	Woolwich
	32	3	" picta - - -	" -	Clarendon Hill.
	33	2	Modiola Mitchelli [2] - -	" -	Lee, near Greenwich.
	34	1	Arca depressa - - -	" -	Charlton.
	35	8	Pectunculus, sp. - - -	" -	"
	36	4	" terebratularis [4]	" -	Woolwich.

[1] Presented by Prof. Morris. [2] Presented by the Rev. H. de la Condamine.
[3] " H. Wild, Esq. [4] " W. Lunn, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
LV.	1	2	Cyrena cuneiformis - -	Woolwich Series.	Blackheath.
	2	1	" " - -	" -	Nunhead.
	3	2	" " [1] - -	" -	Peckham.
	4	1	" " - -	" -	"
	5	8	" " - -	" -	"
	6	7	" " - -	" -	Charlton.
	7	9	" " - -	" -	"
	8	6	" " [2] - -	" -	Bromley.
	9	1	" " [3] - -	" -	Woolwich.
	10	4	" " - -	" -	Charlton.
	11	4	" " [4] - -	" -	Castle Hill.
	12	1	" semistriata - -	" -	Peckham.
	13	4	" " - -	" -	"
	14	1	" deperdita ? - -	" -	Blackheath.
	15	1	" " - -	" -	Peckham.
	16	8	" " - -	" -	Charlton.
	17	2	" " - -	" -	"
	18	1	" " [5] - -	" -	Woolwich.
	19	2	" " - -	" -	"
	20	1	" cordata ? [3] - -	" -	Blackheath.
	21	2	" " [3] - -	" -	" & New Cross.
	22	1	" " [5] - -	" -	Deptford.
	23	14	" tellinella [2] - -	" -	Woolwich.
	24	5	" " [3] - -	" -	"
	25	6	" sp. - - -	" -	Charlton.
	26	8	" young of - - -	" -	"
	27	7	" sp. - - -	" -	"
	28	16	" intermedia [2] - -	" -	Woolwich.
	29	1	" [3] - - - -	" -	Lee.
	30	2	" [3] - - - -	" -	Deptford.
	31	1	" [2] - - - -	" -	Woolwich.
	32	4	" [2] - - - -	" -	"
	33	1	" [3] - - - -	" -	Blackheath.
	34	3	" [6] - - - -	" -	Near Canterbury.
	35	1	" & Pectunculus Plumsteadiensis. [2]	" -	Near Reading.
	36	1	Unio Deshayesii [3] - -	" -	New Cross.
	37	1	" " - - -	" -	Counter Hill.
	38	2	Cytherea - - - -	" -	Herne Bay.
	39	3	" transversa ? - -	" -	"
	40	1	? [1] - - - -	" -	Peckham.
	41	5	Corbula Regulbiensis - -	" -	Charlton.
	42	1	Pholas [7] - - - -	" -	Westminster Bridge.
	43	1	Nucula fragilis - - -	" -	Woolwich.
	44	4	Planorbis hemistoma [2] -	" -	Woolwich.
	45	13	Neritina globulus - -	" -	?
	46	3	" " [3] - -	" -	Woolwich.
	47	14	" globosa [2] - -	" -	"
	48	2	Pitharella Rickmani [1] - -	" -	Peckham.

[1] Presented by H. Wild, Esq.
[2] Presented by W. Lunn, Esq.
[3] " the Rev. H. de la Condamine.
[4] " Dr. Mantell.
[5] " N. T. Wetherell, Esq.
[6] " W. Harris, Esq.
[7] Presented by W. Lowe, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
LV.	49	2	Paludina lenta [1]	Woolwich Series.	Peckham.
	50	4	" " [1]	"	"
	51	2	" " ? [2]	"	New Cross.
	52	5	" " ?	"	Limehouse Reach.
	53	3	" "	"	New Cross ?
	54	9	Melania inquinata	"	Woolwich.
	55	1	" " [2]	"	"
	56	1	" " [1]	"	Dulwich.
	57	1	" " [3]	"	Woolwich.
	58	9	" "	"	Charlton.
	59	11	" " [3]	"	"
	60	3	Melanopsis fusiformis	"	"
	61	3	" " [2]	"	Woolwich.
	62	9	" "	"	"
	63	3	" " [3]	"	"
	64	4	"	"	"
	65	5	Cerithium funatum [1]	"	Peckham.
	66	3	" " [5]	"	Castle Hill.
	67	12	" "	"	Woolwich.
	68	8	" " [3]	"	"
	69	1	" Lunnii	"	?
	70	22	Rissoa Parkinsoni [3]	"	Woolwich.
	71	9	" Websteri	"	"
	72	3	"	"	Charlton.
	73	6	Calyptræa	"	Near Canterbury.
	74	1	" trochiformis	"	?
	75	1	Natica	"	Near Reading.
	76	5	"	"	Woolwich.
	77	3	" [6]	"	"
	78	6	Buccinum	"	"
	79	6	" [3]	"	Woolwich.
	80	1	Ditrupa plana	"	Reading.
	81	6	" incrassata	"	Wandsworth.
					?
LVI.	1	5	Terebratulina striatula [7]	Bognor Series (London Clay proper).	
	2	6	" " [8]	"	Whetstone.
	3	2	" " [1]	"	Kensington Gardens.
	4	9	Lingula tenuis [4]	"	Bognor.
	5	1	Ostrea picta [7]	"	"
	6	1	" flabellula, with Natica attached.[7]	"	Nuneham.
				"	Brentford.
	7	1	" [7]		
	8	1	"	"	Sheppey.
	9	6	Pecten duplicatus [10]	"	Kentish Town.
	10	1	" corneus	"	Sheppey.

[1] Presented by H. Wild, Esq.
[2] Presented by the Rev. de la Condamine.
[3] " W. Lunn, Esq.
[4] " W. Baily, Esq.
[5] " Dr. Mantell.
[6] " W. G. Blanford, Esq.
[7] " Prof. J. Morris.
[8] " N. T. Wetherell, Esq.
[9] " R. Etheridge, Esq.
[10] " W. Groves, Esq.

X 2

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
LVI.	11	3	Pecten - - - -	Bognor Series (London Clay proper).	Whetstone.
	12	6	Avicula media [1] - - -	" -	?
	13	10	" " [1] - - -	" -	?
	14	1	" papyracea [2] - -	" -	Hampstead.
	15	3	" " [3] - -	" -	Whetstone.
	16	2	Pinna affinis [2] - - -	" -	Bognor and Shenfield.
	17	1	Modiola elegans - - -	" -	Alum Bay.
	18	3	" " [2] - - -	" -	Bognor.
	19	6	" " [1] - - -	" -	Whetstone.
	20	4	" - - - -	" -	?
	21	1	" tubicola - - -	" -	?
	22	8	Arca impolita ? [1] - -	" -	Highgate.
	23	9	Pectunculus brevirostrum -	" -	Southampton Common.
	24	2	" " [4] -	" -	Bognor.
	25	2	" " - -	" -	"
	26	16	" " ? -	" -	?
	27	2	" decussatus -	" -	Highgate.
	28	14	Cardium nitens [1] - - -	" -	"
	29	5	" Plumsteadiense [1] -	" -	Hornsey.
	30	1	" " [2] -	" -	Wandsworth.
	31	14	Cryptodon angulatum [1] -	" -	Copenhagen Fields.
	32	16	Lucina Goodhalli [1] - -	" -	Whetstone.
	33	3	Astarte virgata - - -	" -	Sheppey; *b*, Highgate Archway; *c*, Alum Bay.
	34	2	Cardita Brongniartii - -	" -	Bognor.
	35	1	" " - -	" -	"
	36	2	" acuticosta [4] - -	" -	"
	37	2	" planicosta - -	" -	Clarendon Hill.
	38	2	Cyprina planata - -	" -	Nuneham.
	39	2	" " - -	" -	Brentford.
	40	1	" " - - -	" -	Basingstoke.
	41	1	" " - - -	" -	Alum Bay.
	42	3	Isocardia sulcata [5] - -	" -	Sheppey.
	43	3	" " [2] - -	" -	"
	44	3	Cytherea tenuistriata - -	" -	Brentford.
	45	2	" " [1] -	" -	A. Highgate.
	46	1	" transversa [4] - -	" -	Bognor.
	47	5	" obliqua [1] - -	" -	Highgate.
	48	6	" " - - -	" -	"
	49	2	" - - -	" -	Near Kingston.
	50	4	" ? - - -	" -	Highgate.
	51	3	Venus - - - - -	" -	Southampton.
	52	2	" - - - - -	" -	Bognor.
	53	1	" - - - - -	" -	Nuneham.
	54	18	Syndosmya splendens - -	" -	Highgate.
	55	3	Solen affinis - - - -	" -	"
	56	7	Corbula striata - - -	" -	?
	57	18	" globosa - - -	" -	Highgate.

[1] Presented by N. T. Wetherell, Esq. [2] Presented by Prof. J. Morris.
[3] " W. H. Baily, Esq. [4] " J. Dixon, Esq.
[5] Presented by Major M'Donald.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
LVI.	58	4	Neræa inflata - - -	BognorSeries (London Clay proper).	Highgate.
	59	1	Panopæa intermedia - -	" -	Bognor.
	60	2	" " [1] -	" -	"
	61	2	Pholadomya margaritacea -	" -	"
	62	2	" " -	" -	Alum Bay.
	63	1	" - - - -	" -	Basingstoke.
	64	2	Teredina personata - -	" -	Nuneham.
	65	12	Teredo antenautæ [1] - -	" -	Whetstone.
	66	12	Nucula minima [2] - -	" -	London & York Rail.
	67	2	" Wetherellii - -	" -	Primrose Hill.
	68	20	" Bowerbankii [2] - -	" -	Whetstone.
	69	11	" " - -	" -	Gt. Northern Railway.
	70	11	" amygdaloides [2] -	" -	Hornsey.
	71	3	" " - -	" -	Brentford.
LVII.	1	4	Bulla attenuata [2] - -	" -	Highgate Archway.
	2	10	Actæon simulatus [2] - -	" -	Holloway.
	3	3	" " [2] - -	" -	Highgate.
	4	1	Planorbis [3] - - - -	" -	Hampstead Tunnel.
	5	3	Dentalium - - - -	" -	Southampton Common.
	6	6	" - - - -	" -	?
	7	6	Phorus extensus [2] - -	" -	Kingston.
	8	4	" " [2] - -	" -	"
	9	1	" " [2] - -	" -	"
	10	14	Aporrhais Sowerbyi [2] - -	" -	Highgate.
	11	4	" " - -	" -	Clarendon.
	12	3	Hydrobia? [4] - - -	" -	Blackwall.
	13	1	Scalaria undosa [2] - -	" -	Brentford.
	14	10	Turritella imbricataria - -	" -	Basingstoke.
	15	5	" - - - -	" -	Sheppey.
	16	1	Calyptræa trochiformis -	" -	Alum Bay.
	17	3	" " [2] -	" -	Highgate.
	18	3	" " -	" -	?
	19	4	Natica labellata [2] - -	" -	Highgate; *a*, Finchley.
	20	7	" " - - -	" -	"
	21	2	" " [2] - -	" -	Finchley.
	22	2	" " - - -	" -	Clarendon Hill.
	23	2	" " - - -	" -	Southampton Common.
	24	5	" Hantoniensis - -	" -	*a*, Clarendon Hill.
	25	2	" sub-depressa - -	" -	Bognor.
	26	1	" sigaretina - -	" -	Alum Bay.
	27	1	Cypræa oviformis [2] - -	" -	Highgate.
	28	19	Voluta nodosa [2] - -	" -	"
	29	5	" " [2] - -	" -	"
	30	2	" denudata [2] - -	" -	Bognor.
	31	4	" Wetherellii [2] - -	" -	Brentford.
	32	5	" protensa [2] - -	" -	Essex.
	33	8	Pleurotoma plebeia - -	" -	Alum Bay.
	34	6	exorta - -	"	"

[1] Presented by W. H. Baily, Esq. [2] Presented by N. T. Wetherell, Esq.
[3] " Mr. Groves. [4] " the Rev. J. Nicholay.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
LVII.	35	1	Pleurotoma comma	Bognor Series (London Clay proper).	Alum Bay.
	36	3	" rostrata [1]	"	Highgate.
	37	6	" sp. [1]	"	"
	38	8	" " [1]	"	"
	39	8	" " [1]	"	"
	40	2	" " [1]	"	"
	41	13	" " [1]	"	"
	42	14	" " [1]	"	"
	43	1	" " [1]	"	"
	44	8	" " [1]	"	"
	45	9	" " [1]	"	"
	46	5	" " [1]	"	"
	47	5	" " [1]	"	"
	48	5	" " [1]	"	"
	49	6	" " [1]	"	"
	50	3	" " [1]	"	Basingstoke.
	51	5	Cassidaria nodosa [1]	"	Nuneham.
	52	3	" "	"	Highgate.
	53	4	" striata [1]	"	"
	54	5	" " [1]	"	Whetstone.
	55	2	" " [1]	"	Highgate.
	56	3	" ambigua ? [1]	"	"
	57	6	Fusus bifasciatus [2]	"	
	58	11	" complanatus [1]	"	Highgate.
	59	5	" " [1]	"	"
	60	3	" trilineatus [1]	"	"
	61	8	" " [1]	"	"
	62	14	" curtus [1]	"	"
	63	3	" sp. [1]	"	"
	64	7	" " [1]	"	"
	65	3	" " [1]	"	"
	66	1	" "	"	"
	67	3	" " [1]	"	Holloway.
	68	3	Murex cristatus [1]	"	"
	69	6	" coronatus [1]	"	"
	70	4	Pyrula Smithii [1]	"	Brentford, Nuneham.
	71	5	" " [1]	"	Highgate.
	72	4	" sp. [1]	"	"
	73	10	Cancellaria læviuscula [1]	"	"
	74	7	Rostellaria rimosa [1]	"	
	75	6	" "	"	Southampton Common.
	76	2	" ampla [1]	"	Kingston.
	77	1	" " [1]	"	Highgate.
	78	7	" lucida [1]	"	"
	79	8	" " [1]	"	Holloway.
	80	4	"	"	Highgate.
	81	3	Fæces of Mollusca [1]	"	Near Chalk Farm.

[1] Presented by N. T. Wetherell, Esq. [2] Presented by T. Reynolds, Esq.

Eocene Series. (Drawers 54 to 63.)

UNDERNEATH THE FLAT CASES.

J.—LOWER EOCENE GROUP. Sect. II.
Drawers LIV. & LV.

	Tablet.	Specimen.	Name.	Formation.	Locality.
IV.	1	2	Pecten Prestwichii - -	Thanet Sands.	Herne Bay, Kent.
	2	1	Modiola - - - -	" -	" "
	3	1	Cucullæa crassatina - -	" -	" "
	4	1	" " - -	" -	" "
	5	3	" " - -	" -	" "
	6	1	" " - -	" -	" "
	7	2	Pectunculus terebratularis -	" -	" "
	8	5	Astarte tenera - - -	" -	" "
	9	1	" " - - -	" -	" "
	10	1	" - - - - -	" -	" "
	11	2	Cardium Laytoni - - -	" -	" "
	12	1	Cyprina planata - - -	" -	" "
	13	3	" Morrisii - - -	" -	" "
	14	3	" " - - -	" -	" "
	15	1	" " - - -	" -	" "
	16	2	" " - - -	" -	" "
	17	5	Corbula Regulbiensis - -	" -	" "
	18	2	Glycimeris Rutupiensis -	" -	" "
	19	2	Panopæa granulata - -	" -	" "
	20	2	Cytherea orbicularis - -	" -	" "
	21	1	" - - - - -	" -	" "
	22	1	Thracia oblata - - -	" -	" "
	23	2	" " - - -	" -	" "
	24	2	Nucula - - - - -	" -	" "
	25	3	Natica ampullaria - -	" -	" "
	26	1	Dentalium - - - -	" -	" "
	27	2	Anomia - - - -	London Clay	Bognor.
	28	1	Ostrea Bellovacina - -	" -	Katesgrove Pit. Reading.
	29	2	" - - - - -	" -	Bognor.
	30	1	" - - - - -	" -	"
	31	1	Pecten corneus - - -	" -	Highgate.
	32	1	" " - - -	" -	"
	33	1	" - - - - -	" -	Hampstead.
	34	2	Avicula - - - -	" -	Highgate.
	35	1	" - - - - -	" -	"
	36	2	Pinna - - - - -	" -	"
	37	7	Modiola - - - -	" -	"
	38	8	" - - - - -	" -	"
	39	1	" - - - - -	" -	"
	40	1	" - - - - -	" -	Kingston.
	41	1	Pectunculus brevirostrum -	" -	Alum Bay.
	42	2	" " -	" -	Bognor.
	43	5	" decussatus -	" -	"
	44	17	" " -	" -	Highgate.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
LIV.	45	9	Pectunculus decussatus -	London Clay	Bognor.
	46	1	" - - - -	" -	Herne Bay.
	47	2	Cardium nitens - - -	" -	Highgate.
	48	3	" " - - -	" -	Hampstead Heath.
	49	3	" semigranulatum -	" -	Herne Bay.
	50	1	" " -	" -	Wandsworth.
	51	1	" " -	" -	Bognor.
	52	1	Diplodonta - - - -	" -	Alum Bay.
LV.	1	4	Cryptodon angulatum - -	" -	Haverstock Hill.
	2	2	Astarte - - - -	" -	Clarendon Hill.
	3	1	Cyprina planata - - -	" -	Basingstoke.
	4	5	Cardita planicosta - -	" -	Bognor.
	5	2	" " - - -	" -	Alum Bay.
	6	4	Cytherea - - - -	" -	Highgate.
	7	1	" - - - -	" -	Charrington Cutting
	8	4	" - - - -	" -	Herne Bay.
	9	1	Panopæa intermedia - -	" -	Bognor.
	10	1	" " - -	" -	"
	11	1	" " - -	" -	"
	12	1	Corbula globosa - -	" -	Hants.
	13	1	" - - - -	" -	Clarendon Hill.
	14	1	" - - - -	" -	Hampstead.
	15	3	Cyprina Morrisii - - -	" -	Herne Bay.
	16	3	Pholadomya margaritacea - -	" -	Alum Bay.
	17	4	" " - -	" -	"
	18	1	" virgulosa -	" -	Hampstead.
	19	1	Thracia oblata - - -	" -	Herne Bay.
	20	4	Teredo antenautæ - -	" -	Highgate Archway.
	21	1	Nucula - - - -	" -	Finchley.
	22	2	" - - - -	" -	"
	23	2	Bulla constricta - - -	" -	Alum Bay.
	24	14	Planorbis elegans - -	" -	Highgate.
	25	3	Aporrhais Sowerbyi - -	" -	Herne Bay.
	26	2	Cerithium concavum - -	" -	Mead End.
	27	1	" Charlesworthii -	" -	Sheppey.
	28	6	Bifrontia - - - -	" -	Alum Bay.
	29	4	Solarium - - - -	" -	"
	30	6	" - - - -	" -	Clarendon Hill.
	31	4	Turritella imbricataria - -	" -	Alum Bay.
	32	1	Calyptræa trochiformis -	" -	"
	33	1	" " - -	" -	Southampton Well.
	34	2	" " - -	" -	Bognor.
	35	17	Natica - - - -	" -	Clarendon Hill.
	36	3	" - - - - -	" -	Alum Bay.
	37	2	" - - - - -	" -	"
	38	1	Voluta Cithara - - -	" -	"
	39	13	" nodosa - - -	" -	Highgate.
	40	3	" " - - -	" -	"
	41	1	" " - - -	" -	Sheppey.
	42	2	" denudata - - -	" -	Bognor.
	43	1	" maga - - -	" -	Alum Bay.
	44	1	" " - - -	" -	"
	45	1	" athleta - - -	" -	"
	46	1	" - - - - -	" -	"

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
LV.	47	4	Pleurotoma semilævis - -	London Clay.	Alum Bay.
	48	1	„ Murreni - -	„ -	Clarendon Hill.
	49	2	„ helix - - -	„ -	Highgate.
	50	1	„ „ - - -	„ -	Chalk Farm.
	51	1	„ mixta - -	„ -	Highgate.
	52	1	„ plicata - -	„ -	Alum Bay.
	53	1	„ crassa - -	„ -	„
	54	1	„ teretrium - -	„ -	Highgate.
	55	3	„ „ - -	„ -	„
	56	2	„ lima - -	„ -	Alum Bay.
	57	5	„ Wetherellii -	„ -	Highgate.
	58	2	„ granata - -	„ -	„
	59	2	„ - - - -	„ -	„
	60	13	„ - - - -	„ -	„
	61	5	„ - - - -	„ -	Alum Bay.
	62	10	„ - - - -	„ -	„
	63	6	„ - - - -	„ -	„
	64	2	„ - - - -	„ -	„
	65	1	„ - - - -	„ -	„
	66	1	„ - - - -	„ -	„
	67	1	„ - - - -	„ -	„
	68	1	„ - - - -	„ -	Muswell Hill.
	69	1	„ - - - -	„ -	Highgate.
	70	1	Ancillaria - - - -	„ -	Alum Bay.
	71	10	Buccinum labiatum - -	„ -	Clarendon Hill.
	72	2	„ lavatum - -	„ -	Alum Bay.
	73	1	Oliva Branderi - -	„ -	„
	74	1	Fasciolaria funiculosa - -	„ -	„
	75	5	Fusus undosus - - -	„ -	Clarendon Hill.
	76	13	„ „ - - -	„ -	„ „
	77	1	„ errans - - -	„ -	Alum Bay.
	78	2	„ coniferus - - -	„ -	1, Highgate; 2, Chalk Farm.
	79	4	„ trilineatus - - -	„ -	Brentford.
	80	5	„ „ - - -	„ -	Highgate.
	81	3	„ regularis - - -	„ -	Alum Bay.
	82	1	„ - - - - -	„ -	„
	83	1	„ carinella - - -	„ -	Highgate.
	84	1	„ - - - - -	„ -	Finchley.
	85	1	Pyrula Smithii - - -	„ -	
	86	1	„ nexilis - - -	„ -	Alum Bay.
	87	1	„ tricarinata - -	„ -	Muswell Hill.
	88	1	Rostellaria ampla - -	„ -	Alum Bay.
	89	3	„ „ - -	„ -	
	90	1	„ „ - -	„ -	Hampstead.
	91	4	„ lucida - -	„ -	Highgate.
	92	3	Cancellaria læviuscula -	„ -	„
	93	3	„ „ -	„ -	Clarendon Hill.
	94	5	Typhis muticus - - -	„ -	„ „
	95	1	Triton argutus - - -	„ -	Highgate.

Eocene Series. (Wall Cases 18 to 20 b.)

J.—LOWER EOCENE GROUP. Sect. III.—Wall Case XVIII.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
			Section 47.		
XVIII. Shelf. I.	1	1	Nautilus - - - -	Thanet Sands.	Herne Bay.
	2	1	Dryandra - - - -	Woolwich Beds.	Gt. High Level Sewer 5 Fields, Dulwich.
	3	1	Ficus Prestwichii - - -	" -	Railway Cutting near Reading.
	4	1	" " [1] - - -	" -	" "
	5	1	" - - - - -	" -	Gt. High Level Sewer, 5 Fields, Dulwich.
	6	1	" - - - - -	" -	" "
	7	1	" - - - - -	" -	" "
	8	4	Rhus [1] - - - - -	" -	Railway Cutting near Reading.
	9	1	" - - - - -	" -	" "
	10	1	Laurus - - - - -	" -	Gt. High Level Sewer, 5 Fields, Dulwich.
	11	2	" - - - - -	" -	Railway Cutting near Reading.
	12	1	Elæodendron - - -	" -	" "
	13	1	Cluytia - - - - -	" -	" "
	14	1	Banksia or Castanea [1] - -	" -	" "
	15	1	Serpula [2] - - - -	" -	Bromley.
	16	2	Candona Richardsoni - -	" -	Charlton, Woolwich.
	17	3	Flustra - - - - -	" -	Dulwich.
II.	1	4	Nipadites umbonatus - -	London Clay	Isle of Sheppey.
	2	2	" " - -	" -	"
	3	3	" [3] - - - -	" -	Hampstead Railway Cutting.
	4	2	" giganteus - -	" -	Isle of Sheppey.
	5	1	" - - - -	" -	"
	6	1	" - - - -	" -	"
	7	1	" cordiformis - -	" -	"
	8	3	" " - -	" -	"
	9	1	" - - - -	" -	"
	10	1	" Parkinsoni - -	" -	"
	11	1	" " - -	" -	"
	12	3	Cucumites variabilis - -	" -	"
	13	6	" " [4] - -	" -	"
	14	1	" - - - -	" -	"
	15	7	" - - - -	" -	"
	16	6	" - - - -	" -	"
	17	1	Wetherellia variabilis - -	" -	"

[1] Presented by J. Prestwich, Esq.
[2] Presented by W. Lunn, Esq.
[3] " — Maitland, Esq.
[4] " N. T. Wetherell, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XVIII. Shelf.			SECTION 47.		
II.	18	4	Wetherellia variabilis - -	London Clay	Isle of Sheppey.
	19	10	" - - - -	" -	"
	20	1	Cupanoides - - - -	" -	"
	21	1	Hightea - - - -	" -	"
	22	4	" - - - -	" -	"
	23	2	Faboidea - - - -	" -	"
	24	6	" - - - -	" -	"
	25	1	" - - - -	" -	"
	26	4	- - - - - -	" -	"
	27	2	Tricarpellites - - -	" -	"
	28	1	Petrophiloides Richardsoni -	" -	Herne Bay.
	29	1	" - - -	" -	Isle of Sheppey.
	30	1	" - - -	" -	"
	31	1	Callitrites Thuioides - -	" -	"
	32	9	Paracyathus caryophyllus -	" -	"
	33	4	" " [1] -	" -	"
	34	2	" brevis - -	" -	"
	35	6	Desmophyllum - - -	" -	"
	36	8	Caryophyllia - - -	" -	Clarendon.
III.	1	1	Ophiura Wetherelli [1] - -	" -	Highgate.
	2	1	Astropecten Colei - -	" -	Isle of Sheppey.
	3	1	" armatus [2] - -	"	"
	4	1	" crispatus - -	" -	"
	5	1	" " - -	" -	"
	6	4	" " - -	" -	"
	7	6	Goniaster Stokesii - -	" -	"
	8	1	" marginatus [3] -	" -	"
	9	2	" tuberculatus -	" -	"
	10	12	Pentacrinus subbasaltiformis [1]	" -	Hornsea.
	11	1	" " -	" -	
	12	4	Cœlopleurus Wetherelli [2] -	" -	Isle of Sheppey.
	13	3	Hemiaster Bowerbankii [2] -	" -	"
	14	2	" Prestwichii [2] -	" -	"
	15	1	" Branderianus [4] -	" -	Haverstock Hill.
	16	2	Serpula - - - - -	" -	Isle of Sheppey.
	17	2	Zanthopsis nodosa - -	" -	"
	18	1	" " - -	" -	"
	19	1	" bispinosa - -	" -	"
	20	2	" " - -	" -	"
	21	5	" " - -	" -	"
	22	1	" " - -	" -	"
	23	2	" unispinosa [1] -	" -	"
	24	2	" " - -	" -	"
	25	2	" " - -	" -	"
	26	1	" Leachii [5] - -	" -	Ganwick Corner, near Barnet, G. N. R.
	27	1	" " [5] - -	" -	N. Enfield Tunnel, G. N. R.
	28	4	" tuberculata -	" -	Alum Bay, Isle of Wight.

[1] Presented by N. T. Wetherell, Esq. [2] Presented by Dr. J. Bowerbank.
[3] " C. Stokes, Esq. [4] " F. E. Edwards, Esq.
[5] Presented by T. Reynolds, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XVIII. Shelf.			SECTION 47.		
III.	29	1	Zanthopsis - - - -	London Clay	Alum Bay, I. of Wight.
	30	2	" - - - -	" -	" "
	31	1	" [1] - - - -	" -	Isle of Sheppy.
	32	2	" - - - -	" -	"
	33	1	" - - - -		
IV.	1	6	Basinotopus Lamarckii -	" -	Isle of Sheppey.
	2	2	" " - -	" -	"
	3	3	" " - -	" -	"
	4	2	" " - -	" -	"
	5	9	" - - -	" -	"
	6	2	Hoploparia gammaroides -	" -	"
	7	1	" " - -	" -	
	8	1	" - - - -	" -	Isle of Sheppey.
	9	1	" Belli - - -	" -	Herne Bay.
	10	3	" " [1] - -	" -	Nr. Copenhagen House.
	11	5	" " [1] - -	" -	Primrose Hill.
	12	6	- - - -	" -	Tunnel nr. Chalk Farm and Primrose Hill.
	13	1	Archæocarabus Bowerbankii	" -	Isle of Sheppey.
	14	2	" " -	" -	"
	15	1	" " -	" -	"
	16	3	Flustra crassa - - -	" -	Highgate.
	17	4	" - - - -	" -	"
	18	4	Polyzoon [2] - - - -	" -	Sydenham.
V.	1	1	Nautilus Sowerbyi [1] - -	" -	Near Whetstone.
	2	4	" " - -	" -	Sheppey.
	3	9	" centralis [1] - -	" -	Highgate.
	4	1	" [1] - - - -	" -	Near Whetstone.
VI.	1	1	" imperialis - -	" -	Grand Sewer, Hyde Park.
	2	6	" " - -	" -	Railway, near Barnet.
	3	1	" regalis [3] - -	" -	Railway Tunnel, near Potter's Bar.
	4	1	" " [4] - -	" -	Railway, near Barnet.
	5	1	" - - - -	" -	
VII.	1	1	Ostrea Bellovacina [5] - -	" -	Bromley, Kent.
	2	1	Pinna affinis [6] - - -	" -	Bognor.
	3	1	Modiola elegans [1] - -	" -	Highgate.
	4	1	Teredo antenautæ - -	" -	
	5	1	Unio - - - - -	Woolwich Beds.	Near London.
	6	1	" Deshayesii - -	" -	Effra Branch Sewer, Peckham.
	7	1	Paludina lenta - - -	" -	" "
	8	1	" " - - -	" -	" "
	9	1	Cyrena - - - - -	" -	Charlton.

[1] Presented by N. T. Wetherell, Esq. [2] Presented by — Meyer, Esq.
[3] " R. Gaussen, Esq. [4] " J. Ballan, Esq.
[5] " W. Lunn, Esq. [6] " Sir Woodbine Parish, K.C.H.

EOCENE SERIES. (Flat Cases 54 to 63.)

K.—MIDDLE EOCENE GROUP. SECT. I.
FLAT CASES LVIII. to LXIII.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
LVIII.	1	2	Ostrea picta [1] - - -	Brackles-ham Series.	Bracklesham.
	2	1	" " - - -	" -	"
	3	1	" tenera - - -	" -	"
	4	7	" " - - -	" -	"
	5	2	" " - - -	" -	"
	6	4	" flabellula - -	" -	"
	7	1	" - - - -	" -	
	8	1	" - - - -	" -	
	9	8	Pecten corneus - - -	" -	Bracklesham.
	10	2	" 30-radiatus - - -	" -	
	11	1	" " - - -	" -	Selsea Bay.
	12	1	Avicula - - - -	" -	
	13	3	Arca Branderi - - -	" -	Bracklesham.
	14	3	" " - - -	" -	"
	15	10	" duplicata - - -	" -	"
	16	2	Pectunculus pulvinatus -	" -	
	17	1	" - - - -	" -	
	18	3	Chama - - - -	" -	
	19	6	Cardium semigranulatum -	" -	Bracklesham.
	20	2	" ordinatum - -	" -	"
	21	5	Lucina mitis - - -	" -	
	22	4	" - - - -	" -	
	23	7	Cardita acuticosta - -	" -	Bracklesham.
	24	5	" planicosta [1] - -	" -	"
	25	2	" " [2] - -	" -	"
	26	2	" " - - -	" -	"
	27	7	" " [2] - -	" -	"
	28	14	" elegans - - -	" -	
	29	3	Crassatella compressa - -	" -	
LIX.	1	12	Cytherea suberycinoides -	" -	Bracklesham.
	2	7	" obliqua - - -	" -	
	3	7	" rhomboidalis - -	" -	Bracklesham.
	4	9	" - - - - -	" -	"
	5	3	" transversa - -	" -	
	6	3	" " - -	" -	Bracklesham.
	7	4	" elegans -	" -	
	8	1	Mactra compressa - -	" -	

[1] Presented by F. Dixon, Esq. [2] Presented by J. W. Lowry, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
LXI.	9	10	Pecten reconditus - -	Barton Series.	Barton.
	10	2	" - - - - -	"	
	11	4	Avicula media - - -	" -	Beacon Bunney.
	12	1	Pinna - - - - -	"	Barton.
	13	1	" - - - -	" -	Hordwell.
	14	5	Modiola seminuda - -	" -	"
	15	1	" - - - -	" -	"
	16	5	Arca duplicata - - -	"	
	17	1	" " - - -	"	
	18	2	" appendiculata - -	" -	Hordwell.
	19	20	Limopsis scalaris - - -	" -	"
	20	21	" deletus - - -	" -	"
	21	5	" - - - -	"	
	22	13	Chama squamosa - - -	" -	Hordwell.
	23	9	Cardium porulosum - -	" -	Barton.
	24	11	" semigranulatum -	" -	"
	25	10	" " -	" -	"
	26	4	Lucina gigantea - - -	" -	"
	27	12	" divaricata - - -	"	"
	28	8	" mitis - - -	" -	"
	29	2	Astarte - - - -	"	
	30	3	" - - - -	"	
	31	16	Cardita sulcata - - -	" -	Barton.
	32	16	" oblonga - - -	" -	Beacon Bunny, Hants.
	33	6	" " - - -	" -	Hordwell and Barton.
	34	12	Crassatella semisulcata -	" -	Barton.
	35	18	" sulcata - -	" -	"
	36	14	" plicata - -	" -	"
	37	11	Cytherea obliqua - -	" -	Hordwell.
	38	9	" lævigata - -	" -	"
	39	1	" elegans - -	"	
	40	7	" incrassata - -	" -	Hordwell.
	41	2	" tellinaria - -	" -	"
	42	3	" - - - -	" -	Barton.
	43	1	Venus Kickisii - - -	" -	"
	44	2	Mactra depressa - - -	"	
	45	2	Sanguinolaria compressa -	" -	Hordwell.
	46	7	Tellina Hantonensis - -	" -	Hampshire.
	47	12	" ambigua - -	" -	Barton.
	48	2	" Branderi - -	" -	"
	49	2	" lævis - - -	"	
	50	1	Solenomya - - - -	"	
	51	2	Solen gracilis - - -	" -	Hordwell.
	52	6	Cultellus affinis - - -	"	
	53	1	" - - - -	" -	Hordwell.
	54	12	Corbula Pisum - - -	" -	Barton.
	55	1	" striata - - -	" -	" Colwell Ba
10d	56	10	" Ficus - - -	" -	
	57	6	" costata - - -	" -	"
	58	8	" cuspidata - -	" -	"
9y	59	3	" longirostrum - -	" -	"
	60	6	Panopæa intermedia - -	" -	Hordwell.
	61	1	Thracia - - - -	" -	"
	62	1	Gastrochæna contorta - -	" -	"
	63	1	Clavagella coronata - -	"	

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
LXI.	64	3	Clavagella coronata - -	Barton Series.	Barton.
	65	1	„ personata - -	„ -	„
	66	4	Nucula bisculcata - -	„ -	„
	67	6	„ „ - -	„ -	„
	68	3	„ minima - - -	„ -	„
	69	3	„ trigona[1] - - -	„ -	„
	70	19	„ similis - - -	„ -	„
LXII.	1	1	Bulla filosa[2] - - -	„ -	„
	2	13	Actæon simulatus - - -	„ -	„
	3	7	„ elongatus - - -	„ -	„
	4	1	„ - - - - -	„ -	Alum Bay.
	5	17	Dentalium striatum - -	„ -	Barton.
	6	1	Ditrupa - - - -	„ -	„
	7	2	Nerita globosa - - -	„ -	„
	8	10	Phorus agglutinans - -	„ -	„
	9	9	Trochus monilifer - -	„ -	„
	10	4	Cerithium hexagonum - -	„ -	„
	11	1	„ [1] - - - -	„ -	„
	12	18	„ - - - -	„ -	„
	13	6	Littorina sulcata - - -	„ -	„
	14	8	Solarium canaliculatum -	„ -	„
	15	13	„ plicatum - -	„ -	„
	16	2	Scalaria reticulata - -	„ -	
	17	8	„ „ - -	„ -	Barton.
	18	8	„ acuta - - -	„	„
	19	5	„ interrupta - -	„ -	„
	20	6	„ undosa - - -	„	
	21	18	Turritella imbricataria - -	„ -	Barton.
	22	6	„ „ - -	„ -	
	23	1	„ „ - -	„ -	Barton.
	24	2	„ - - - - -	„ -	
	25	2	„ - - - - -	„ -	Barton.
	26	12	Calyptræa trochiformis -	„ -	„
	27	6	Hipponyx squamæformis -	„ -	Barton and Hordwell.
	28	11	Natica ambulacrum - -	„ -	Barton.
	29	5	„ Hantoniensis - -	„	„
	30	1	„ labellata - - -	„ -	„
	31	12	„ „ - - -	„ -	„
	32	6	„ epiglottina - -	„ -	„
	33	5	„ - - - - -	„ -	„
	34	4	„ - - - - -	„ -	„
	35	7	Sigaretus canaliculatus -	„ -	„
	36	4	Cypræa Bartonensis - -	„ -	„
	37	5	Mitra scabra - - -	„ -	„
	38	16	„ pumila - - -	„ -	
	39	2	Parmophorus - - -	„ -	Barton.
	40	8	Voluta Solandri - - -	„ -	„
	41	11	„ ambigua - - -	„ -	„
	42	5	„ athleta - - -	„ -	„
	43	5	„ maga - - -	„ -	„
	44	1	„ suspensa - - -	„ -	

[1] Presented by the Marchioness of Hastings. [2] Presented by E. Charlesworth, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
LXII.	45	5	Voluta luctratrix - - -	Barton Series.	Barton.
	46	12	" " - - -	" -	"
	47	5	" scalaris - - -	" -	"
	48	10	" " - - -	" -	"
	49	5	" humerosa - - -	" -	"
	50	1	" costata - - -	" -	"
	51	5	" - - - - -	" -	
	52	2	" - - - - -	" -	
	53	5	Volvaria - - - -	" -	Barton.
	54	5	" acutiuscula - -	" -	"
	55	9	Conus Dormitor - - -	" -	"
	56	7	" scabriculus - -	" -	"
	57	7	" - - - - -	" -	
	58	10	Pleurotoma innexa - -	" -	Barton.
	59	9	" " - -	" -	"
	60	11	" " - -	" -	Alum Bay.
	61	5	" exorta - -	" -	Barton.
	62	4	" conorbis - -	" -	
	63	13	" conoides - -	" -	Barton.
	64	7	" macilenta - -	" -	"
	65	10	" " - -	" -	"
	66	14	" turbida - -	" -	"
	67	2	" lævigata - -	" -	"
	68	5	" comma - -	" -	"
	69	9	" colon - -	" -	"
	70	5	" - - - - -	" -	Alum Bay.
	71	8	" - - - - -	" -	Barton.
	72	1	" - - - - -	" -	
	73	8	" rostrata - -	" -	Barton.
	74	10	" prisca - -	" -	"
	75	3	" - - - - -	" -	
	76	1	" mixta - - -	" -	Alum Bay.
	77	2	" - - - - -	" -	
	78	8	" - - - - -	" -	Alum Bay.
	79	9	" - - - - -	" -	Barton.
	80	4	" - - - - -	" -	"
	81	5	" - - - - -	" -	Alum Bay.
	82	3	" - - - - -	" -	"
	83	7	" - - - - -	" -	Barton.
	84	11	" - - - - -	" -	Alum Bay.
	85	16	Ancillaria canalifera - -	" -	Barton.
	86	8	" buccinoides - -	" -	"
	87	18	Buccinum lavatum - -	" -	"
	88	9	" junceum - -	" -	"
	89	11	" desertum - -	" -	
	90	2	Cassidaria nodosa - -	" -	Barton.
	91	6	" ambigua - -	" -	"
	92	12	Oliva Branderi - - -	" -	"
	93	4	" aveniformis - -	" -	"
	94	4	" - - - - -	" -	
LXIII.	1	2	Ringicula parva? - -	" -	
	2	3	Fasciolaria funiculosa - -	" -	Barton.
	3	2	Fusus Lima - - - -	" -	"
	4	2	" longævus - - -	" -	"

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
LXIII.	5	3	Fusus longævus - - -	Barton Series.	Barton.
	6	13	" " - - -	" -	"
	7	14	" pyrus - - -	" -	"
	8	5	" " - - -	" -	"
	9	14	" canaliculatus - -	" -	"
	10	1	" interruptus - -	" -	
	11	6	" porrectus - -	" -	Barton.
	12	8	" turgidus - - -	" -	"
	13	8	" errans - - -	" -	"
	14	2	" tuberosus - - -	" -	"
	15	5	" regularis - - -	" -	"
	16	12	" aciculatus - - -	" -	"
	17	7	" " - - -	" -	
	18	4	" - - - - -	" -	Barton.
	19	7	" - - - - -	" -	"
	20	3	" - - - - -	" -	
	21	5	Murex minax - - -	" -	
	22	3	" tripteroides - -	" -	
	23	10	" asper - - - -	" -	Barton.
	24	3	" bispinosus - - -	" -	"
	25	6	" defossus - - -	" -	"
	26	2	" frondosus - - -	" -	"
	27	6	Pyrula nexilis - - -	" -	"
	28	5	Triton argutus - - -	" -	"
	29	2	" - - - - -	" -	
	30	9	Typhis pungens - - -	" -	Barton.
	31	5	" fistulosus - - -	" -	"
	32	1	Rostellaria ampla - - -	" -	"

Eocene Series. (Drawers 54 to 63.)

UNDERNEATH THE FLAT CASES.

K.—MIDDLE EOCENE GROUP. Sect. II.
Drawers LV. to LXII.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
LV.	96	1	Ostrea tenera - - -	Bracklesham Series.	Bracklesham Bay.
	97	2	" " - - -	" -	"
	98	1	" " - - -	" -	"
	99	3	" - - - - -	" -	"
	100	1	" - - - - -	" -	"
	101	1	Avicula - - - -	" -	"
	102	6	Pecten - - - - -	" -	"

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
LV.	103	3	Pecten corneus - - -	Brackles-ham Series.	Bracklesham Bay.
	104	2	Arca Branderi - - -	" -	"
	105	2	" " - - -	" -	"
	106	1	" " - - -	" -	"
	107	1	" " - - -	" -	"
	108	10	" - - - - -	" -	"
	109	16	" - - - - -	" -	"
	110	1	" - - - - -	" -	"
LVI.	1	6	Limopsis scalaris - - -	" -	Bracklesham Bay.
	2	4	Chama squamosa - - -	" -	"
	3	2	Cardium semigranulatum -	" -	"
	4	2	" " -	" -	"
	5	1	" porulosum - -	" -	"
	6	1	" " - -	" -	"
	7	1	" ordinatum - -	" -	"
	8	1	Corbis tenera - - -	" -	"
	9	10	Lucina mitis - - -	" -	"
	10	9	Cyrena semisulcata - -	" -	"
	11	16	" - - - - -	" -	"
	12	1	Cardita planicosta - -	" -	"
	13	4	" " - -	" -	"
	14	1	" " - -	" -	"
	15	2	" " - -	" -	"
	16	3	" " - -	" -	Alum Bay.
	17	11	" acuticosta - -	" -	Bracklesham Bay.
	18	27	" - - - - -	" -	"
	19	1	" - - - - -	" -	Alum Bay.
	20	3	" - - - - -	" -	"
	21	1	" - - - - -	" -	"
	22	4	Crassatella sulcata - -	" -	"
	23	9	Cytherea lucida - - -	" -	Bracklesham Bay.
	24	3	" " - - -	" -	"
	25	5	" " - - -	" -	Whitecliff Bay.
	26	1	" elegans - - -	" -	Bracklesham Bay.
	27	1	" obliqua - - -	" -	"
	28	6	" - - - -	" -	"
	29	12	" suberycinoides -	" -	"
	30	3	" " -	" -	"
	31	8	" - - - -	" -	"
	32	10	" - - - -	" -	"
	33	2	Mactra depressa - - -	" -	"
	34	1	" " - - -	" -	"
	35	1	" " - - -	" -	"
	36	5	" semisulcata - -	" -	"
	37	2	Sanguinolaria Hollowaysii -	" -	"
	38	1	" " -	" -	"
	39	2	" " -	" -	"
	40	1	" " -	" -	"
	41	1	" compressa -	" -	Alum Bay.
	42	1	Tellina scalaroides - -	" -	Bracklesham Bay.
	43	1	" " - -	" -	"
	44	3	" " - -	" -	"
	45	2	" " - -	" -	"
	46	1	" tenuistria - - -	" -	"

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
LVI.	47	1	Tellina reflexa - - -	Brackles-ham Series.	Bracklesham Bay.
	48	1	„ tumescens - -	„ -	„
	49	1	„ plagia - - -	„ -	„
	50	3	„ „ - - -	„ -	„
	51	1	„ - - - - -	„ -	„
	52	1	„ - - - - -	„ -	„
	53	1	„ - - - - -	„ -	„
	54	1	„ - - - - -	„ -	„
	55	1	„ - - - - -	„ -	„
	56	1	„ - - - - -	„ -	„
	57	1	„ - - - - -	„ -	„
	58	2	„ - - - - -	„ -	„
	59	2	„ - - - - -	„ -	„
	60	3	„ - - - - -	„ -	„
	61	5	„ - - - - -	„ -	„
	62	3	„ - - - - -	„ -	„
	63	1	„ - - - - -	„ -	„
	64	9	„ - - - - -	„ -	„
	65	1	„ - - - - -	„ -	„
	66	1	„ - - - - -	„ -	„
	67	1	„ - - - - -	„ -	„
	68	2	„ - - - - -	„ -	„
	69	1	„ - - - - -	„ -	„
	70	1	„ - - - - -	„ -	„
	71	1	Solecurtus Parisiensis - -	„ -	„
	72	1	„ „ - -	„ -	„
	73	2	„ „ - -	„ -	„
	74	1	Solen obliquus - - -	„ -	„
	75	1	„ gracilis - - -	„ -	„
	76	9	Corbula gallica - - -	„ -	„
	77	1	„ - - - - -	„ -	„
	78	1	Panopæa intermedia - -	„ -	„
	79	1	„ „ - -	„ -	„
	80	1	„ corrugata - -	„ -	„
	81	1	Teredina - - - -	„ -	„
	82	2	Bulla Edwardsii - - -	„ -	„
	83	17	Actæon elongatus - -	„ -	„
	84	1	Emarginula - - - -	„ -	„
	85	1	Fissurella - - - -	„ -	„
	86	1	„ - - - -	„ -	„
	87	4	Cerithium unisulcatum -	„ -	„
	88	1	„ echidnoides - -	„ -	„
	89	5	Solarium canaliculatum -	„ -	„
	90	1	Natica - - - - -	„ -	„
	91	2	„ - - - - -	„ -	„
	92	1	Sigaretus canaliculatus -	„ -	„
	93	1	„ - - - -	„ -	„
	94	3	Turritella terebellata - -	„ -	„
	95	8	„ multisulcata - -	„ -	„
	96	1	„ imbricataria - -	„ -	„
LVII.	1	1	Cypræa inflata - - -	„ -	„
	2	2	„ „ - - -	„ -	„
	3	1	„ „ - - -	„ -	Whitecliff Bay.
	4	1	„ Bowerbankii - -	„ -	Bracklesham Bay.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
LVII.	5	1	Cypræa Bowerbankii - -	Brackles-ham Series.	Bracklesham Bay.
	6	3	" - - - -	" -	"
	7	1	Mitra porrecta - - -	" -	"
	8	11	Voluta nodosa - - -	" -	"
	9	7	" " - - -	" -	"
	10	3	" " - - -	" -	"
	11	6	" suturalis - - -	" -	"
	12	4	" " - - -	" -	"
	13	1	" Cithara - - -	" -	"
	14	1	" " - - -	" -	"
	15	3	" Selseiensis - -	" -	"
	16	5	" " - - -	" -	"
	17	1	" " - - -	" -	"
	18	2	" muricina - - -	" -	"
	19	1	" " - - -	" -	"
	20	3	" angusta - - -	" -	"
	21	3	" " - - -	" -	"
	22	2	" " - - -	" -	"
	23	1	" " - - -	" -	"
	24	1	" uniplicata - -	" -	"
	25	3	" " - - -	" -	"
	26	1	" mutata - - -	" -	"
	27	2	" crenulata - - -	" -	"
	28	2	" calva - - -	" -	"
	29	2	" spinosa - - -	" -	"
	30	2	Conus diadema - - -	" -	"
	31	1	" " - - -	" -	"
	32	3	Pleurotoma attenuata - -	" -	"
	33	2	" " - -	" -	"
	34	3	" dentata - -	" -	"
	35	2	" amphiconus -	" -	"
	36	6	" " -	" -	"
	37	1	" inarata - -	" -	"
	38	1	" glabrata - -	" -	"
	39	1	" zeta - - -	" -	"
	40	1	" plebeia - -	" -	"
	41	5	" - - - -	" -	"
	42	4	" - - - -	" -	"
	43	5	" - - - -	" -	"
	44	1	" - - - -	" -	"
	45	1	" - - - -	" -	"
	46	11	Borsonia biplicata - -	" -	"
	47	5	Daphnella juncea - - -	" -	"
	48	4	Ancillaria canalifera - -	" -	"
	49	5	" " - -	" -	"
	50	2	" obtusa - - -	" -	"
	51	3	Cassidaria coronata - -	" -	"
	52	1	Pseudoliva obtusa - -	" -	"
	53	1	" " - - -	" -	"
	54	3	Fusus undosus - - -	" -	"
	55	4	" uniplicatus - -	" -	"
	56	3	" armatus - - -	" -	"
	57	2	" intortus - - -	" -	"
	58	1	" pyrus - - - -	" -	"
	59	1	" errans - - -	" -	"

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
VI.	60	1	Fusus errans	Bracklesham Series.	Bracklesham Bay.
	61	1	" "	"	"
	62	1	" longævus	"	"
	63	1	" "	"	"
	64	1	" "	"	"
	65	1	" "	"	"
	66	1	" "	"	"
	67	1	" "	"	"
	68	1	" "	"	"
	69	5	" "	"	"
	70	1	"	"	"
95			" bulbiformis		Colwell Bay
VIII.	1	2	Murex defossus	"	"
	2	2	" minax	"	"
	3	2	" "	"	"
	4	1	" "	"	"
	5	2	" "	"	"
	6	1	" "	"	"
	7	2	Triton nodulosus	"	"
	8	26	Rostellaria arcuata	"	"
	9	1	" lucida	"	"
	10	1	" ampla	"	"
	11	1	" "	"	"
	12	1	" "	"	"
	13	3	Ostrea flabellula	Barton Series	Barton.
	14	4	"	"	"
	15	4	Pectunculus	"	"
	16	1	" deletus	"	"
	17	10	Chama squamosa	"	"
	18	1	Cardium porulosum	"	High Cliff ?
	19	2	Astarte	"	Barton.
	20	2	"	"	"
	21	9	Crassatella sulcata	"	"
	22	13	"	"	"
	23	6	"	"	"
	24	7	Cytherea transversa	"	"
	25	2	Tellina	"	"
	26	2	"	"	"
	27	2	"	"	"
	28	1	"	"	"
	29	1	"	"	"
	30	2	"	"	"
	31	1	"	"	"
	32	1	"	"	"
	33	1	Sanguinolaria compressa	"	"
	34	2	" "	"	"
94	35	17	Corbula Ficus	"	" Colwell Bay
100	36	4	" Pisum	"	"
	37	14	" cuspidata	"	"
	38	10	" "	"	"
	39	6		"	"
	40	1	Panopæa intermedia	"	"
	41	1	" "	"	"
	42	18	Bulla coronata	"	High Cliff, Barton.
	43	20	" angystoma	"	" "

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
LVIII.	44	2	Bulla filosa	Barton Series.	High Cliff, Barton.
	45	13	„ extensa	„	„ „
	46	30	„ elliptica	„	„ „
	47	7	„ ovulata	„	Barton.
	48	10	Actæon elongatus	„	„
	49	34	„ simulatus	„	„
	50	10	Dentalium striatum	„	„
	51	5	Neritina concava	„	„
	52	1	Phorus agglutinans	„	„
	53	13	Trochus monilifer	„	„
	54	3	Melanopsis subfusiformis	„	High Cliff, Barton.
	55	3	Pyrena rigida	„	„ „
	56	2	„ „	„	„ „
	57	1	Cerithium	„	„ „
	58	22	Littorina sulcata	„	„ „
	59	12	Rissoa	„	„ „
	60	10	„ cochlearella	„	Barton.
	61	11	Solarium plicatum	„	„
	62	12	„	„	„
	63	4	„	„	„
	64	4	Scalaria tenuilamella	„	High Cliff, Barton.
	65	3	„ interrupta	„	Barton.
	66	1	„ „	„	„
	67	8	„ acuta	„	„
	68	2	„ undosa	„	„
LIX.	1	6	Turritella imbricataria	„	„
	2	5	„ „	„	„
	3	2	„ „	„	„
	4	1	„ sulcifera	„	Stubbington.
	5	1	Calyptræa trochiformis	„	Barton.
	6	7	„ „	„	„
	7	2	„ „	„	High Cliff, Barton.
	8	20	„ „	„	„ „
	9	5	„ „	„	Barton.
	10	9	„ „	„	„
	11	4	Hipponyx squamæformis	„	„
	12	18	Eulima polygyra	„	„
	13	9	„ macrostoma	„	High Cliff, Barton.
	14	3	„ „	„	„ „
	15	20	Natica depressa	„	Barton.
	16	40	„ labellata	„	„
	17	1	„ „	„	„
	18	9	„ sphærica	„	„
	19	1	„ epiglottina	„	„
	20	1	„	„	„
	21	2	„	„	„
	22	3	„	„	Brockenhurst.
	23	21	„	„	Barton.
	24	40	„	„	„
	25	2	„	„	„
	26	14	„	„	„
	27	5	„	„	„
	28	10	Sigaretus canaliculatus	„	„
	29	2	Cypræa Bartonensis	„	„

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
IX.	30	1	Cypræa Bartonensis - -	Barton Series.	Barton.
	31	6	Mitra scabra - - - -	" -	"
	32	28	" parva - - - -	" -	High Cliff, Barton.
	33	14	" " - - - -	" -	" "
	34	5	Voluta Selseiensis - -	" -	Brockenhurst.
	35	2	" " - - -	" -	"
	36	10	" Solandri - - -	" -	Barton.
	37	4	" " - - -	" -	"
	38	1	" " - - -	" -	"
	39	2	" " - - -	" -	"
	40	16	" nodosa - - -	" -	Alum Bay.
	41	1	" " - - -	" -	High Cliff, Barton.
	42	1	" " - - -	" -	" "
	43	3	" " - - -	" -	Barton.
	44	2	" mutata - - -	" -	"
	45	5	" Branderi - - -	" -	High Cliff, Barton.
	46	1	" spinosa - - -	" -	Stubbington.
	47	16	" digitalina - - -	" -	Barton.
	48	1	" " - - -	" -	Alum Bay.
	49	1	" " - - -	" -	"
	50	2	" " - - -	" -	High Cliff, Barton.
	51	4	" suspensa - - -	" -	Barton.
	52	3	" geminata - - -	" -	Lyndhurst Hill.
	53	3	" " - - -	" -	"
	54	5	" scalaris - - -	" -	Alum Bay.
	55	35	" " - - -	" -	High Cliff, Barton.
	56	1	" " - - -	" -	Alum Bay.
	57	1	" luctatrix - - -	" -	Hinton.
	58	1	" " - - -	" -	Barton.
	59	1	" " - - -	" -	"
	60	2	" " - - -	" -	"
	61	4	" " - - -	" -	"
	62	1	" " - - -	" -	"
	63	2	" " - - -	" -	"
	64	2	" " - - -	" -	"
	65	2	" humerosa - -	" -	"
	66	1	" " - - -	" -	"
	67	9	" Athleta - - -	" -	"
	68	6	" " - - -	" -	"
	69	1	" " - - -	" -	"
	70	2	" " - - -	" -	"
	71	13	" spinosa - - -	" -	Brockenhurst.
	72	1	" maga - - -	" -	"
	73	1	" " - - -	" -	Alum Bay.
X.	1	2	Voluta depauperata - -	" -	Barton.
	2	10	" " - -	" -	Bramshaw.
	3	1	" ambigua - - -	" -	Barton.
	4	3	" " - - -	" -	"
	5	13	" " - - -	" -	"
	6	9	" " - - -	" -	"
	7	3	" " - - -	" -	"
	8	3	" " - - -	" -	"
	9	1	" " - - -	" -	"
	10	3	" contabulata - -	" -	Brockenhurst.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
LX.	11	16	Conus Lamarckii - - -	Barton Series.	Bracklesham
	12	3	" deperditus - - -	" -	Bramshaw.
	13	3	" " - - -	" -	"
	14	10	" Dormitor - - -	" -	Barton.
	15	5	" scabriculus - -	" -	"
	16	9	Pleurotoma scalarata - -	" -	Bramshaw.
	17	2	" plebeia - -	" -	Brockenhurst.
	18	24	" ligata - -	" -	High Cliff, Barton.
	19	9	" D'Urbani - -	" -	Brockenhurst.
	20	20	" pupa - -	" -	High Cliff, Barton.
	21	5	" mixta - -	" -	Barton.
	22	10	" dissimilis - -	" -	High Cliff, Barton.
	23	4	" crassicosta -	" -	Bramshaw.
	24	2	" transversaria	" -	Brockenhurst.
	25	9	" innexa - -	" -	Alum Bay.
	26	7	" rostrata - -	" -	Barton.
	27	18	" prisca - -	" -	"
	28	1	" " - -	" -	"
	29	12	" coarctata - -	" -	High Cliff, Barton.
	30	23	" " - -	" -	" "
	31	6	" lævigata - -	" -	Barton.
	32	3	" lanceolata - -	" -	"
	33	27	" microdonta -	" -	High Cliff, Barton.
	34	33	" varians - -	" -	" "
	35	50	" granulata - -	" -	" "
	36	10	" lima - - -	" -	Barton.
	37	16	" monerma - -	" -	"
	38	44	" callifera - -	" -	High Cliff, Barton.
	39	21	" exorta - -	" -	Barton.
	40	5	" desmia - -	" -	"
	41	9	" " - -	" -	"
	42	4	" macilenta - -	" -	"
	43	2	" turbida - -	" -	"
	44	36	" " - -	" -	"
	45	2	" - - - -	" -	"
	46	3	" - - - -	" -	"
	47	2	" - - - -	" -	"
	48	7	" - - - -	" -	"
	49	4	" - - - -	"	"
	50	2	" - - - -	" -	"
	51	2	" - - - -	" -	"
	52	1	" - - - -	" -	"
	53	9	" - - - -	" -	High Cliff, Barton.
	54	10	" - - - -	" -	" "
	55	7	" - - - -	" -	" "
	56	12	" - - - -	" -	" "
	57	6	" - - - -	" -	" "
	58	15	" - - - -	" -	" "
	59	4	" - - - -	" -	" "
	60	4	" - - - -	" -	" "
	61	10	" - - - -	" -	" "
	62	12	" - - - -	" -	" "
	63	12	" - - - -	" -	" "
	64	5	" - - - -	" -	" "
	65	7	" - - - -	" -	" "

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
LX.	66	17	Pleurotoma - - - -	Barton Series.	High Cliff, Barton.
	67	30	" - - - -	" -	Alum Bay.
	68	3	" - - - -	" -	Brockenhurst.
	69	5	" - - - -	" -	"
	70	1	" - - - -	" -	Barton.
	71	4	Daphnella juncea - -	" -	Alum Bay.
	72	12	Ancillaria buccinoides - -	" -	Brockenhurst.
	73	10	" canalifera - -	" -	Barton.
	74	4	" " - -	" -	"
	75	4	" " - -	" -	"
	76	19	Buccinum labiatum - -	" -	Brockenhurst.
	77	4	" desertum - -	" -	Barton.
	78	30	" " - -	" -	"
	79	19	" " - -	" -	"
	80	7	Cassidaria ambigua - -	" -	"
	81	10	" " - -	" -	"
	82	2	" " - -	" -	Alum Bay.
	83	1	Oliva Branderi - - -	" -	Barton.
	84	4	Pseudoliva ovalis - - -	" -	Brockenhurst.
	85	2	" " - - -	" -	"
	86	9	Fusus Ficulneus - - -	" -	Barton.
	87	3	" carinatus - - -	" -	Bramshaw.
	88	8	" canaliculatus - -	" -	High Cliff, Barton.
	89	15	" " - - -	" -	" "
	90	1	" turgidus - - -	" -	Barton.
	91	2	" asper - - -	" -	"
	92	3	" armatus - - -	" -	Brockenhurst.
	93	3	" " - - -	" -	"
LXI.	1	1	Fusus longævus - - -	" -	Barton.
	2	1	" " - - -	" -	"
	3	10	" " - - -	" -	"
	4	1	" " - - -	" -	"
	5	2	" " - - -	" -	"
	6	11	" pyrus - - -	" -	"
	7	1	" " - - -	" -	"
	8	2	" " - - -	" -	"
	9	1	" " - - -	" -	"
	10	1	" " - - -	" -	"
	11	1	" " - - -	" -	Alum Bay.
	12	6	" " - - -	" -	Barton.
	13	14	" " - - -	" -	High Cliff, Barton.
	14	4	" læviusculus - -	" -	Bramshaw.
	15	3	" aciculatus - -	" -	Barton.
	16	2	" " - -	" -	"
	17	12	" regularis - -	" -	"
	18	2	" " - -	" -	"
	19	4	" " - -	" -	"
	20	12	" errans - -	" -	"
	21	5	" " - -	" -	"
	22	3	" " - -	" -	"
	23	13	" interruptus - -	" -	High Cliff, Barton.
	24	13	" porrectus - -	" -	Barton.
	25	11	" - - - -	" -	High Cliff, Barton.
	26	4	" - - - -	" -	Barton.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
LXI.	27	1	Fusus - - - - -	Barton Series.	Barton.
	28	1	„ - - - - -	„ -	Alum Bay.
	29	1	Murex minax - - - -	„ -	Barton.
	30	2	„ „ - - - -	„ -	„
	31	1	„ „ - - - -	„ -	Bramshaw.
	32	2	„ „ - - - -	„ -	Barton.
	33	1	„ „ - - - -	„ -	„
	34	2	„ asper - - -	„ -	„
	35	3	„ „ - - - -	„ -	„
	36	4	„ „ - - -	„ -	Bramshaw.
	37	4	„ bispinosus - - -	„ -	Barton.
	38	4	„ crispus - - -	„ -	„
	39	1	„ tripteroides - - -	„ -	Alum Bay.
	40	2	„ - - - - - -	„ -	Barton.
	41	4	Pyrula nexilis - - - -	„ -	„
	42	1	„ „ - - -	„ -	„
	43	2	Typhis pungens - - -	„ -	Alum Bay.
	44	5	„ „ - - - -	„ -	High Cliff, Barton.
	45	4	„ „ - - - -	„ -	Bramshaw.
	46	1	„ „ - - - -	„ -	Brockenhurst.
	47	2	„ - - - - -	„ -	Barton.
	48	2	Triton expansus - - - -	„ -	„
	49	3	„ argutus - - - -	„ -	„
	50	5	„ „ - - - -	„ -	„
	51	5	„ „ - - - -	„ -	„
	52	2	Cancellaria quadrata - - -	„ -	Brockenhurst.
	53	18	„ „ - - - -	„ -	High Cliff, Barton.
	54	12	„ evulsa - - - -	„ -	Barton.
	55	5	„ turrita - - -	„ -	Brockenhurst.
	56	1	„ - - - - -	„ -	Barton.
	57	20	Rostellaria rimosa - - -	„ -	„
	58	2	„ „ - - - -	„ -	Brockenhurst.
	59	3	„ ampla - - -	„ -	Barton.
	60	5	Terebellum - - - - -	„ -	„
	61	5	„ sopita - - -	„ -	„
	62	1	„ „ - - - -	„ -	„
	63	4	„ - - - - - -	„ -	„
	64	2	„ - - - - -	„ -	„
	65	1	Ostrea - - - - -	Headon Series.	Headon Hill.
	66	2	„ - - - - - -	„ -	Colwell Bay.
	67	1	„ - - - - - -	„ -	Headon Hill.
	68	7	Mytilus - - - - -	„ -	Colwell Bay.
3	69	11	Cyrena obovata - - - -	„ -	„
	70	2	„ „ - - - -	„ -	„
	71	2	„ „ - - - -	„ -	„
	72	24	„ „ - - - -	„ -	Headon Hill.
	73	5	„ „ - - - -	„ -	„
	74	2	„ „ - - - -	„ -	„
	75	3	„ Wrightii - - - -	„ -	Colwell Bay.
	76	3	„ pulchra - - - -	„ -	„
	77	3	„ „ - - - -	„ -	„
	78	1	„ „ - - - -	„ -	„
	79	1	„ „ - - - -	„ -	„
	80	2	„ - - - - - -	„ -	„

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XI.	81	4	Cyrena - - - - -	Headon Series.	Hordwell.
	82	3	" - - - - -	" -	Colwell Bay.
	83	9	Cytherea incrassata - -	" -	"
	84	5	" " - - -	" -	"
	85	2	" " - - -	" -	
XII.	1	2	Mactra fastigiata - -	" -	Colwell Bay.
	2	3	Psammobia rudis - - -	" -	"
	3	4	" " - - -	" -	"
	4	4	" " - - -	" -	Headon Hill.
	5	3	Sanguinolaria compressa -	" -	Colwell Bay.
	6	2	Bulimus ellipticus - -	" -	Headon Hill.
	7	2	" " - -	" -	"
	8	1	" " - -	" -	"
	9	2	" " - -	" -	Weston.
	10	1	" costellata - -	" -	Binsted.
	11	2	Helix labyrinthica - -	" -	Headon Hill.
	12	4	" Vectiensis - - -	" -	"
	13	2	" " - - -	" -	"
	14	2	Pupa perdentata - - -	" -	"
	15	3	Limnæa fusiformis - -	" -	"
	16	4	" longiscata - -	" -	"
	17	2	" " - -	" -	"
	18	3	" " - -	" -	"
	19	7	" " - -	" -	"
	20	2	" " - -	" -	"
	21	3	" " - -	" -	Hordwell.
	22	2	" " - -	" -	Colwell Bay.
	23	3	" " - -	" -	
	24	1	" " - -	" -	Spring Vale.
	25	6	" pyramidalis - -	" -	Headon Hill.
	26	5	" " - -	" -	"
	27	3	" caudata - -	" -	"
	28	2	" - - - -	" -	Tollands Bay.
	29	6	Planorbis euomphalus - -	" -	Headon Hill.
	30	6	" " - -	" -	"
	31	4	" " - -	" -	"
	32	1	" " - -	" -	"
	33	2	" " - -	" -	"
	34	1	" discus - -	" -	Binsted.
	35	4	" rotundatus - -	" -	Headon Hill.
	36	3	" " - -	" -	"
	37	5	" obtusus - -	" -	"
	38	4	" lens - - -	" -	"
	39	17	" platystoma - -	" -	"
	40	11	Nerita aperta - - -	" -	Colwell Bay.
	41	3	Neritina concava - - -	" -	Hordwell.
	42	1	" " - - -	" -	Headon Hill.
	43	4	" " - - -	" -	Tollands & Colwell Bay.
	44	5	" " - - -	" -	Colwell Bay.
	45	1	Paludina lenta - - -	" -	"
	46	7	" " - - -	" -	Hordwell.
	47	9	" " - - -	" -	"
	48	3	" " - - -	" -	"
	49	5	" angulosa - -	" -	Tollands Bay.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
LXII.	50	9	Melania muricata	Headon Series.	Hordwell.
	51	7	" "	"	"
	52	5	" "	"	Headon Hill.
	53	4	" fasciata	"	Hordwell.
	54	7	Melanopsis subcarinata	"	Headon Hill.
	55	1	" subulata	"	"
	56	15	" subfusiformis	"	Colwell Bay.
	57	6	" "	"	"
	58	7	" "	"	"
	59	1	" "	"	Headon Hill.
	60	3	Cerithium trizonatum	"	Colwell Bay.
	61	3	" mutabile	"	"
	62	4	" "	"	"
	63	1	" "	"	Headon Hill.
	64	4	" concavum	"	Colwell Bay.
	65	4	" "	"	"
	66	3	" "	"	Headon Hill.
	67	3	" plicatum	"	Colwell Bay.
	68	4	" "	"	"
	69	4	"	"	"
	70	40	Potamides ventricosus	"	Headon Hill.
	71	9	Natica	"	Colwell Bay.
	72	36	"	"	"
	73	6	"	"	"
	74	33	"	"	"
	75	7	"	"	"
	76	29	"	"	"
	77	4	"	"	Headon Hill.
	78	6	"	"	"
	79	1	Voluta depauperata	"	"
	80	3	" "	"	Colwell Bay.
	81	6	" "	"	"
	82	4	" "	"	Hordwell.
	83	8	Volvaria acutiuscula	"	Headon Hill.
	84	7	Pleurotoma	"	Colwell Bay.
	85	10	"	"	"
	86	2	"	"	"
	87	31	Ancillaria buccinoides	"	"
	88	2	"	"	Headon Hill.
	89	2	" fusiformis	"	"
	90	10	Buccinum labiatum	"	Hordwell.
	91	13	" "	"	Colwell Bay.
	92	1	" "	"	Hordwell.
	93	4	" desertum	"	Colwell Bay.
	94	3	Cominella flexuosa	"	"
	95	4	Murex sexdentatus	"	Hordwell.
	96	5	" "	"	Colwell Bay.
	97	6	Cancellaria	"	Hordwell.
	98	6	"	"	"
	99	12	" turrita?	"	"
	9B.		Belosepia	"	Colwell Bay
	10B		Globulus	"	"

EOCENE SERIES. (Wall Cases 18 to 20B.)

K.—MIDDLE EOCENE GROUP. SECT. III.
WALL CASES XIX. to XXA.

ıse.	Tablet.	Specimen.	Name.	Formation.	Locality.
IX.			SECTION 48.		
helf. I.	1	1	Sabal Murchisoni[1] - -	Lower Bagshots.	Furze Brook, near Creachburn.
	2	5	Ficus Bowerbankii - -	" -	Alum Bay.
	3	1	" Forbesii - -	" -	Creech Barrow.
	4	3	" " - - -	" -	" " Corfe Castle.
	5	2	" " - - -	" -	Corfe Castle.
	6	1	" Sharpei - - -	" -	Alum Bay.
	7	1	" Renevieri - - -	" -	"
	8	1	" Jonesii - - -	" -	"
	9	3	" Gaudini - - -	" -	"
	10	1	" Symondsii - - -	" -	Creech Barrow.
	11	2	Laurus Jovis - - -	" -	Bournemouth.
	12	2	" Junonis - - -	" -	"
	13	2	" 1, Salteri 2, Bourniense	" -	" and Alum Bay.
	14	1	" Vulcani - - -	" -	"
II.	1	5	Elæodendron Heeri - -	" -	" and Alum Bay.
	2	2	Cluytia aglaiæfolia - -	" -	"
	3	3	Dryandroides gallica - -	" -	Alum Bay and Furze Brook.
	4	4	" myricina -	" -	Bournemouth.
	5	1	" anglica - -	" -	Alum Bay.
	6	2	" Bunburyii -	" -	Creech Barrow.
	7	4	Dryandra Lyellii - -	" -	Alum Bay.
	8	1	Acer Bowerbanki - -	" -	"
	9	2	Rhamnus stygium - -	" -	2, " 1, Furze Brook.
	10	1	Cæsalpina aluminis - -	" -	"
	11	2	" pulchella - -	" -	"
	12	4	" lanceolata - -	" -	"
	13	2	" brevis - -	" -	"
	14	1	" Salteri - -	" -	"
	15	1	Cassia Renevieriana - -	" -	"
	16	5	" Ungeri - - -	" -	"
	17	2	Ulmus Eocenica - - -	" -	"
	18	3	Cinnamomum? Brodiei -	" -	Bournemouth.
	19	1	Prunus dubia - - -	" -	Alum Bay.
	20	1	" " - - -	" -	Bournemouth.
	21	1	Artocarpidium Salteri - -	" -	Alum Bay.
	22	1	Eugenia Minervæ - - -	" -	Bournemouth.
	23	2	Carpinus Jonesii - - -	" -	"

[1] Presented by — Groves, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIX.			SECTION 48.		
Shelf. III.	1	1	Pinites Dixoni - - -	Brackles-ham Series.	Bracklesham.
	2	11	Nummulites lævigatus -	" -	Portsmouth.
	3	12	" " - -	" -	Bracklesham.
	4	1	" " - -	" -	"
	5	1	" " - -	" -	
	6	1	" planulatus -	" -	Alum Bay.
	7	1	Alveolina elongata - -	" -	Selsea Bill.
	8	5	Litharea Websteri - -	" -	Bracklesham.
	9	4	" " - -	" -	"
	10	1	Dendrophyllia dendrophylloides.	" -	"
	11	13	" " -	" -	"
	12	3	" " -	" -	"
	13	1	" - - -	" -	Brockenhurst.
	14	1	" - - -	" -	"
	15	3	Oculina raristella - - -	" -	
	16	1	Caryophyllia - - -	" -	Bracklesham.
	17	1	Turbinolia sulcata - -	" -	
	18	20	Paracyathus - - -	" -	Alum Bay.
	19	3	" - - - -	" -	
IV.	1	2	Echinopsis Edwardsii - -	" -	1, Bracklesham; 2, Hordwell.
	2	1	Serpula extensa [1] - -	" -	Bramshaw, Hants.
	3	1	" " [1] - -	" -	"
	4	4	" " [2] - -	" -	"
	5	2	Balanus anguiformis - -	" -	Bracklesham.
	6	1	Belosepia sepioidea - -	" -	Selsea Bill.
	7	1	" " - -	" -	Bracklesham.
	8	1	" " - -	" -	"
V.	1	1	Pinites Dixoni - - -	Barton Series.	Barton.
	2	1	" - - - -	" -	Alum Bay.
	3	2	Ophiura Wetherelli - -	" -	Barton.
	4	3	Eupatagus Hastingiæ - -	" -	"
	5	4	Hemiaster Branderianus -	" -	"
	6	13	Cidaris Websteriana [3] - -	" -	"
	7	10	" [3] - - - -	" -	"
	8	4	Serpula heptagona - -	" -	"
	9	1	" extensa - - -	" -	Hordwell.
	10	2	" " - - -	" -	Barton.
	11	8	" - - - -	" -	"
	12	1	Balanus - - - -	" -	"
	13	1	" - - - - -	" -	"
	14	4	" - - - - -	" -	Hordwell.
	15	1	Belosepia sepioidea [4] - -	" -	Barton.
VI.	1		Chara Wrightii [5] - - -	" -	Hordwell Cliff, Hants.
	2		" " - - -	" -	" "

[1] Presented by the Rev. Wm. Compton. [2] Presented by the Rev. F. Dyson.
[3] " F. E. Edwards, Esq. [4] " the Marchioness of Hastings.
[5] Presented by Dr. J. S. Bowerbank.

ase.	Tablet.	Specimen.	Name.	Formation.	Locality.
			SECTION 48.		
IX. helf. VI.	3	12	Chara Wrightii - - -	Barton Series.	Hordwell Cliff, Hants.
	4	1	Pinites Dixoni - - -	"	" "
	5	1	Echinus Dixonianus [1] - -	"	" "
	6	10	Serpula extensa [2] - - -	"	" "
II.	1	1	Ostrea, Paludina, Melania -	Woolwich Beds.	Limehouse.
	2	1	Wood [3] - - - -	London Clay.	Sheppey.
	3	1	" - - - - -	"	"
	4	1	" - - - - -	"	"
	5	1	" [4] - - - - -	"	Harwich.
	6	1	Pecten corneus [3] - - -	"	Highgate Archway.
	7	1	Modiola - - - -	"	Hampstead.
	8	1	Corbula globosa [3] - -	"	Highgate Archway.
	9	1	Pectunculus decussatus [1] -	"	"
	10	1	" &c. - -	"	Alum Bay.
	11	1	Teredo antenautæ - -	"	Hampstead.
	12	1	" in wood - - -	"	Sheppey.
	13	1	" " - - -	"	"
	14	1	" [5] - - - -	"	Highgate?
	15	1	Turritella imbricataria - -	Bognor Series.	Southampton.
	16	1	" " - -	"	"
	17	1	" " - -	"	Mansbridge.
	18	1	Pinna affinis - - - -	"	Bognor.
	19	1	Sabal [6] - - - -	Lower Bagshots.	Knowles Field, East Creech.
	20	1	" - - - - -	"	Isle of Purbeck.
			SECTION 49.		
X. helf. I.	1	1	Chara tuberculata - - -	Headon Series.	Headon Hill, Isle of Wight.
	2	2	" " - - -	"	White Cliff Bay, Isle of Wight.
	3	14	" helicteres - - -	"	Colwell Bay, I. of Wight.
	4	4	" Wrightii - - -	"	" "
	5	2	" " - - -	"	" "
	6		" " - - -	"	" "
	7		" " - - -	"	" "
	8	2	" Lyellii - - -	"	" "
	9	1	Carpolithes thalictroides - -	"	" "
	10	3	" ovulum - - -	"	" "

[1] Presented by F. E. Edwards, Esq.
[2] Presented by the Marchioness of Hastings.
[3] " N. T. Wetherell, Esq.
[4] " — Darker, Esq.
[5] " S. V. Wood, Esq.
[6] " W. J. Pike, Esq.

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Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XX. Shelf.			SECTION 49.		
I.	11	6	Ostrea cochlearia - -	Headon Series.	Headon Hill, Isle Wight
	12	6	" " - - -	" -	" "
	13	5	" gryphina - - -	" -	Isle of Wight.
	14	7	" " - - -	" -	Headon Hill "
	15	8	" - - - -	" -	White Cliff Bay "
	16	5	Mytilus affinis - - -	" -	Isle of Wight.
	17	1	" " - - -	" -	Colwell Bay "
	18	6	Unio Solandri - - -	" -	Isle of Wight.
	19	4	" " - - -	" -	Colwell Bay "
	20	2	" " - - -	" -	" "
	21	10	" " - - -	" -	Isle of Wight.
	22	1	" Gibbsii - - -	" -	Colwell Bay "
	23	1	" " - - -	" -	" "
II.	1	5	Cyrena pulchra - - -	" -	"
	2	4	" Wrightii - - -	" -	Isle of Wight.
	3	2	" " - - -	" -	"
2	4	12	" obovata - - -	" -	Colwell Bay "
	5	15	" " - - -	" -	" "
	6	2	" arenaria - - -	" -	Headon "
	7	12	" deperdita - - -	" -	Isle of Wight.
	8	3	" gibbosula - -	" -	Colwell Bay "
	9	5	Cytherea incrassata - -	" -	Headon Hill "
	10	9	" " - -	" -	Colwell Bay "
	11	5	Sanguinolaria compressa -	" -	White Cliff Bay "
	12	1	" " -	" -	" "
	13	2	" " -	" -	Colwell Bay "
	14	3	" " -	" -	" "
	15	1	" " -	" -	Isle of Wight.
	16	1	Tellina - - - - -	" -	"
9y	17	12	Corbula cuspidata - -	" -	Colwell Bay "
	18	6	" " - -	" -	" "
	19	3	Potamomya gregaria - -	" -	" "
	20	3	" " - -	" -	" "
	21	1	" " - -	" -	" "
	22	1	" " - -	" -	" "
	23	7	" " - -	" -	Isle of Wight.
	24	8	" plana - -	" -	Colwell Bay "
	25	10	" " - -	" -	" "
	26	6	" " - -	" -	" "
	27	8	Nucula Headonensis - -	" -	Isle of Wight.
	28	3	" " - -	" -	Colwell Bay "
	29	5	" similis - - -	" -	" "
	30	4	" " - - -	" -	" "
III.	1	10	Bulla attenuata - - -	" -	Isle of Wight.
	2	2	Planorbis rotundatus - -	" -	Headon Hill, "
	3	2	" " - -	" -	Isle of Wight.
	4	1	" " - -	" -	Headon Hill "
	5	12	" platystoma - -	" -	Isle of Wight.
	6	6	" " - -	" -	Colwell Bay "
	7	8	" euomphalus - -	" -	Headon Hill "
	8	5	" " - -	" -	" "

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XX.			SECTION 49.		
Shelf. III.	9	5	Planorbis euomphalus - -	Headon Series.	Sconce Point, Isle of Wight.
	10	13	„ obtusus - -	„ -	Isle of Wight.
	11	15	„ „ - -	„ -	„
	12	4	„ discus - -	„ -	„
	13	5	Limnæa longiscata - -	„ -	Headon Hill „
	14	7	„ „ - -	„ -	Isle of Wight.
	15	1	„ „ - -	„ -	Colwell Bay „
	16	3	„ „ - -	„ -	„ „
	17	4	„ pyramidalis - -	„ -	Isle of Wight.
	18	1	„ „ - -	„ -	Headon Hill „
	19	2	„ „ - -	„ -	„
	20	1	„ mixta - - -	„ -	Isle of Wight.
	21	2	„ „ - - -	„ -	Headon Hill „
	22	1	„ fusiformis - -	„ -	Colwell Bay „
	23	1	„ „ - -	„ -	„
	24	3	„ „ - -	„ -	Isle of Wight.
	25	2	„ caudata - -	„ -	„
	26	1	„ subquadrata - -	„ -	„
	27	1	„ „ - -	„ -	„
	28	2	„ arenularia - -	„ -	„
	29	2	„ sulcata - -	„ -	„
	30	1	„ tenuis - -	„ -	„
5			„ stagnalis	„	Colwell Bay
IV.	1	1	Succinea imperspicua - -	„ -	Isle of Wight.
	2	13	Neritina concava - - -	„ -	Colwell Bay, I. of Wight.
	3	5	„ „ - - -	„ -	„ „
	4	14	„ „ - - -	„ -	Isle of Wight.
	5	10	„ „ - - -	„ -	Headon Hill „
	6	8	„ „ - - -	„ -	„ „
	7	1	Paludina lenta - - -	„ -	Isle of Wight.
	8	10	„ „ - - -	„ -	„
	9	3	„ „ - - -	„ -	Colwell Bay „
	10	8	„ „ - - -	„ -	„ „
	11	3	„ angulosa - -	„ -	Headon Hill „
	12	3	„ „ - - -	„ -	Isle of Wight.
	13	1	Melania peracuminata - -	„ -	„
	14	18	„ „ - -	„ -	Colwell Bay „
	15	2	„ „ - -	„ -	„ „
	16	1	„ muricata - -	„ -	Isle of Wight.
	17	18	„ „ - - -	„ -	„
	18	1	„ turritissima - -	„ -	„
	19		„ inflata - - -	„ -	Colwell Bay „
	20	14	„ „ - - -	„ -	Isle of Wight.
	21	8	„ „ - - -	„ -	„
	22	8	„ fasciata - - -	„ -	„
	23	14	„ „ - - -	„ -	Headon Hill „
	24	5	Melanopsis brevis - -	„ -	Colwell Bay „
	25	1	„ „ - - -	„ -	Isle of Wight.
	26	8	„ „ - - -	„ -	Foreland Point „
	27	3	„ subfusiformis -	„ -	Isle of Wight.
	28	7	„ „ -	„ -	„
	29	7	„ „ -	„ -	„

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XX. Shelf.			SECTION 49.		
IV.	30	3	Melanopsis fusiformis -	Headon Series.	Colwell Bay, I. of Wight.
	31	5	" " -	" -	" "
	32	1	" carinata - -	" -	Headon Hill "
	33	3	" " -	" -	Colwell Bay "
"	34	2	" subcarinata -	" -	Isle of Wight.
	35	14	" " -	" -	"
	36	2	" subulata -	" -	Colwell Bay "
V.	1	10	Cerithium elegans - -	" -	" "
	2	9	" " - -	" -	Isle of Wight.
	3	6	" " - -	" -	Headon Hill "
	4	10	" trizonatum - -	" -	Colwell Bay "
	5	4	" " - -	" -	Isle of Wight.
	6	14	" cinctum - -	" -	Headon Hill "
	7	3	" " - -	" -	Tollands Bay "
	8	1	" pseudo-cinctum -	" -	Colwell Bay "
	9	2	" mutabile - -	" -	Isle of Wight.
	10	5	" " - -	" -	"
	11	4	" " - -	" -	"
	12	10	" " - -	" -	Colwell Bay "
	13	2	Potamides ventricosus -	" -	Isle of Wight.
	14	14	" " - -	" -	Colwell Bay "
	15	30	" " - -	" -	Isle of Wight.
	16	15	" " - -	" -	Headon Hill "
	17	4	" concavus - -	" -	Isle of Wight.
	18	1	" " - -	" -	"
8	~~19~~	~~19~~	" cinctus - -	" -	Colwell Bay "
	20	6	" " - -	" -	Headon Hill "
"	21	5	" margaritaceus -	" -	Isle of Wight.
"	22	1	" " -	" -	Colwell Bay "
	23	2	Hydrobia Chastelli - -	" -	Isle of Wight.
	24	10	" " - -	" -	"
"	25	20	" " - -	" -	"
"	26	34	Nematura parvula - -	" -	"
"	27	1	Scalaria lævis - - -	" -	"
	28	2	" " - - -	" -	"
	29	6	Natica depressa - - -	" -	Colwell Bay.
"	30	3	" " - - -	" -	Isle of Wight.
"	31	3	" " - - -	" -	Headon Hill "
	32	2	" similis - - -	" -	Isle of Wight.
	33	4	" labellata - - -	" -	"
	34	1	" - - - - -	" -	"
"	35	6	" - - - - -	" -	Colwell Bay "
	36	1	" - - - - -	" -	" "
VI.	1	2	Voluta depauperata - -	" -	Colwell Bay. "
	2	1	" luctatrix - -	" -	Isle of Wight.
	3	1	Pleurotoma Headonensis -	" -	Colwell Bay "
	4	4	" " -	" -	" "
	5	13	" " -	" -	Isle of Wight.
	6	3	" plebeia -	" -	"
	7	6	" " - -	" -	Colwell Bay "
	8	11	" " - -	" -	" "

ase.	Tablet.	Specimen.	Name.	Formation.	Locality.
XX.			SECTION 49.		
helf. VI.	9	10	Pleurotoma plebeia - -	Headon Series.	Isle of Wight.
	10	1	„ innexa - -	„ -	Colwell Bay, I. of Wight.
	11	1	„ macilenta - -	„ -	Isle of Wight.
	12	1	Borsonia sulcata - - -	„ -	Colwell Bay „
	13	10	Ancillaria buccinoides - -	„ -	„ „
	14	12	„ subulata - -	„ -	Isle of Wight.
	15	5	Buccinum labiatum - -	„ -	„
	16	3	„ „ - -	„ -	White Cliff Bay „
	17	8	„ „ - -	„ -	Colwell Bay „
	18	3	„ desertum - -	„ -	„ „
	19	5	„ „ - -	„ -	„ „
	20	7	Murex sexdentatus - -	„ -	Isle of Wight.
	21	11	„ „ - -	„ -	Colwell Bay „
	22	16	Cancellaria - - - -	„ -	„ „
	23	14	„ - - - -	„ -	Isle of Wight.
	24	6	„ - - - -	„ -	„
	25	8	„ - - - -	„ -	Headon Hill „
	26	12	„ - - - -	„ -	Colwell Bay „
	27	13	Balanus - - - -	„ -	„ „
	28	2	„ - - - -	„ -	„ „
	29	1	„ - - - -	„ -	„ „
VII.	1	1	Cyrena - - - -	„ -	Colwell Bay „
	2	1	Limnæa - - - -	„ -	Headon Hill „
	3	1	„ longiscata - -	„ -	„ „
	4	1	Planorbis euomphalus - -	„ -	„ „
XA.			SECTION 50.		
helf. I.	1	1	Chara Lyellii - - -	Osborne Series.	St. Helens, I. of Wight.
	2	3	„ - - - - -	„ -	Shore, nr. Osborne, Isle of Wight.
	3	1	Carpolithes ovulum - -	„ -	Cliff End, Isle of Wight.
	4	1	Folliculites - - - -	„ -	E. of Cowes „
	5	1	Serpula tenuis - - -	„ -	Cliff End „
	6	1	Candona Forbesii - - -	„ -	„ „
	7	2	„ „ - - -	„ -	„ „
	8	4	Limnæa - - - -	„ -	Osborne „
	9	4	„ - - - -	„ -	„ Point „
	10	1	„ - - - -	„ -	„ „ „
	11	7	Paludina - - - -	„ -	„ „
	12	3	„ - - - -	„ -	„ „
	13	3	Melania excavata, &c. - -	„ -	E. of Cowes „
	14	1	„ muricata - -	„ -	Cliff End, N. of Fort.
	15	1	„ „ - - -	„ -	„ „
	16	1	Melanopsis carinata - -	„ -	E. of Cowes.
	17	4	„ „ &c. -	„ -	Cliff End.
	18	1	„ brevis - -	„ -	Sconce Point.

Eocene Series. (Drawers 54 to 63.)

UNDERNEATH THE FLAT CASES.

L.—UPPER EOCENE GROUP. Sect. II.—Drawer LXIII.

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
LXIII.	1	1	Bulimus ellipticus - -	Bembridge Series.	Sconce.
	2	3	" heterostomus - -	" -	"
	3	2	Clausilia striatula - - -	" -	"
	4	2	" " - - -	" -	"
	5	1	Helix globosa - - -	" -	"
	6	1	" " - - -	" -	"
	7	1	" " - - -	" -	"
	8	1	" " - - -	" -	"
	9	1	" occlusa - - -	" -	Binstead.
	10	2	" " - - -	" -	Sconce.
	11	3	" " - - -	" -	"
	12	7	" " - - -	" -	"
	13	12	" omphalus - - -	" -	"
	14	20	" Vectiensis - - -	" -	"
	15	5	" nudus - - -	" -	"
	16	6	" cinctus - - -	" -	"
	17	2	" " - - -	" -	"
	18	4	" " - - -	" -	"
	19	5	" " - - -	" -	"
	20	8	" D'Urbani - - -	" -	"
	21	2	" " - - -	" -	Weston Quarry.
	22	1	" " - - -	" -	Sconce.
	23	6	Pupa perdentata - - -	" -	"
	24	2	Achatina costellata - -	" -	"
	25	3	" " - - -	" -	"
	26	2	" " - - -	" -	"
	27	1	" " - - -	" -	"
	28	3	" " - - -	" -	"
	29	2	Planorbis discus - - -	" -	"
	30	8	" " - - -	" -	"
	31	1	" " - - -	" -	"
	32	2	" " - - -	" -	"
	33	10	" obtusus - -	" -	"
	34	5	" " - - -	" -	"
	35	17	" " - - -	" -	"
	36	1	" oligyratus - -	" -	"
	37	12	" " - -	" -	"
	38	3	Paludina angulosa - -	" -	"
	39	2	" " - -	" -	"
	40	4	" " - - -	" -	"
	41	2	" " - -	" -	"

Drawer.	Tablet.	Specimen.	Name.	Formation.	Locality.
XIII.	42	1	Paludina lenta - - -	Bembridge Series.	Binstead.
	43	1	" globuloides - -	" -	Foreland Point, Isle of Wight.
	44	6	Cyrena semistriata - -	Hempstead Beds.	Hempstead.
	45	12	" " - -	" -	"
	46	14	" " - -	" -	"
	47	7	" " - -	" -	"
	48	3	" " - -	" -	"
	49	2	" obovata - - -	" -	" Colwell bay
	50	4	Cytherea Lyellii - - -	" -	"
	51	4	Melania - - - -	" -	"
	52	1	Cerithium Sedgwickii - -	" -	"
	53	4	" plicatum - -	" -	"
	54	2	" " - -	" -	"
	55	35	" " - -	" -	"
	56	32	" " - -	" -	"
	57	9	" " - -	" -	"
	58	2	" elegans - -	" -	"
	59	3	" " - -	" -	"
	60	3	" - - - -	" -	"
	61	15	Hydrobia Chastellii - -	" -	"
	62	3	Voluta Rathieri - - -	" -	"
	63	4	" " - - - -	" -	"
	64	4	" " - - -	" -	"

EOCENE SERIES. (Wall Cases 18 to 20B.)

L.—UPPER EOCENE GROUP. SECT. III.
WALL CASES XXA. XXB.

ase.	Tablet.	Specimen.	Name.	Formation.	Locality.
XA.			SECTION 50.		
helf II.	1	3	Chara tuberculata - -	Bembridge Series.	Sconce, Isle of Wight.
	2	2	" " - -	" -	St. Helens "
	3	2	" Lyellii - - -	" -	" "
	4	1	" medicaginula - -	" -	White Cliff Bay, Isle of Wight.
	5	2	" Wrightii - - -	" -	" "
	6	1	Carpolithes ovulum - -	" -	Hempstead Cliff, Yarmouth.
	7	14	" - - - -	" -	Foreland Point, Isle of Wight.
	8	6	Ostrea Vectensis - - -	" -	White Cliff Bay, Isle of Wight.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXA. Shelf. II.			SECTION 50.		
	9	6	Mytilus affinis - - -	Bembridge Series.	White Cliff Bay, Isle of Wight.
	10	4	Arca Websteri - - -	" -	St. Helens "
	11	1	" " - - -	" -	Isle of Wight.
	12	1	" " - - -	" -	"
	13	1	Unio Solandri - - -	" -	Hempstead "
	14	2	Cyrena pulchra - - -	" -	White Cliff Bay "
	15	4	" " - - -	" -	Foreland Point "
	16	1	" " - - -	" -	Isle of Wight.
	17	6	" obtusa - - -	" -	Foreland Point "
	18	1	" " - - -	" -	Isle of Wight.
	19	10	" " - - -	" -	Hempstead Shore, Isle of Wight.
	20	4	" obovata - - -	" -	Isle of Wight.
	21	11	" " - - -	" -	Foreland Point "
	22	5	" " - - -	" -	Isle of Wight.
	23	7	" semistriata - -	" -	"
	24	3	" " - - -	" -	White Cliff Bay "
	25	9	" " - - -	" -	Foreland Point "
	26	4	" " - - -	" -	Isle of Wight.
	27	2	" transversa - -	" -	"
III.	1	1	Panopæa minor - - -	" -	White Cliff Bay, Isle of Wight.
	2	2	" " - - -	" -	Isle of Wight.
	3	1	Cyclas Bristovi - - -	" -	"
	4	2	Cytherea incrassata - -	" -	Foreland Point "
	5	4	" " - -	" -	Isle of Wight.
	6	2	Nucula similis - - -	" -	"
	7	2	Bulimus ellipticus - -	" -	Sconce Point "
	8	1	" " - -	" -	Isle of Wight.
	9	2	" " - -	" -	Sconce "
	10	2	" " - -	" -	Crossacres, S. of Weston.
	11	2	" heterostomus - -	" -	Isle of Wight.
	12	8	Achatina costellata - -	" -	"
	13	1	" " - -	" -	"
	14	7	Clausilia striatula - -	" -	Sconce "
	15	2	Helix globosa - - -	" -	" "
	16	1	" " - - -	" -	Isle of Wight.
	17	4	" occlusa - - -	" -	"
	18	4	" " - - -	" -	"
	19	4	" " - - -	" -	Sconce "
	20	3	" D'Urbani - - -	" -	Isle of Wight.
	21	4	" " - - -	" -	"
	22	6	" Vectiensis - - -	" -	Sconce "
	23	4	" " - - -	" -	Isle of Wight.
	24	3	" omphalus - - -	" -	Sconce "
	25	1	" labyrinthica - -	" -	Isle of Wight.
IV.	1	3	Pupa perdentata - - -	" -	Sconce, Isle of Wight.
	2	1	" " - - -	" -	Isle of Wight.
	3	1	" - - - - -	" -	Headon "

ase.	Tablet.	Specimen.	Name.	Formation.	Locality.
			SECTION 50.		
(A. elf. V.	4	7	Limnæa cincta - - -	Bembridge Series.	Sconce, Isle of Wight.
	5	2	" " - - -	" -	" "
	6	1	" pyramidalis - -	" -	Colwell Bay "
	7	2	" " - - -	" -	" "
	8	1	" mixta - - -	" -	" "
	9	7	" longiscata - -	" -	Sconce "
	10	1	" - - - -	" -	Isle of Wight.
	11	4	Planorbis rotundatus - -	" -	"
	12	3	" " - -	" -	"
	13	1	" discus - -	" -	"
	14	3	" " - -	" -	Sconce "
	15	1	" " - -	" -	Isle of Wight.
	16	6	" " - -	" -	Sconce "
	17	2	" " - -	" -	" "
	18	2	" oligyratus - -	" -	" "
	19	5	" obtusus - - -	" -	Isle of Wight.
	20	1	Succinea Edwardsi - -	" -	Sconce "
	21	6	Paludina angulosa - -	" -	Bembridge "
	22	4	" " - -	" -	Sconce "
	23	8	" lenta - - -	" -	E. of Ryde "
	24	1	" " - -	" -	Hempstead Cliff "
	25	5	" " - -	" -	Isle of Wight.
	26	3	" - - - -	"	"
V.	1	3	Cyclostoma mumia - -	" -	St. Helens, I. of Wight.
	2	5	Cyclotus cinctus - - -	" -	Sconce "
	3	4	" " - - -	" -	Crossacres, S. of Weston, Isle of Wight.
	4	4	" " - - -	" -	Headon Hill "
	5	3	Melania muricata - - -	" -	Hempstead Shore "
	6	1	" " - - -	" -	" "
	7	2	" " - - -	" -	" "
	8	3	" " - - -	" -	" "
	9	12	" " - - -	" -	4 m. E. of Lymington.
	10	14	" " - - -	" -	" "
	11	1	" " - - -	" -	Isle of Wight.
	12	2	" Forbesii - -	" -	Foreland Point "
	13	1	" " - - -	" -	Isle of Wight.
	14	1	" " - - -	" -	Hempstead "
	15	2	" turritissima - -	" -	" "
	16	2	Melanopsis subfusiformis -	" -	Isle of Wight.
	17	1	" carinata - -	" -	Hempstead Shore, Isle of Wight.
	18	2	" " - -	" -	" "
	19	7	" " - -	" -	" "
	20	6	" subulata - -	" -	" "
	21	1	" brevis - -	" -	Pitts deep, 4 m. E. of Lymington, Isle of Wight.
	22	3	" " - -	" -	Isle of Wight.
	23	3	" " - -	" -	"
	24	2	" - - - -	" -	Hempstead Shore, Isle of Wight.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXA. Shelf.			SECTION 50.		
VI.	1	8	Cerithium elegans - -	Bembridge Series.	Headon, Isle of Wight.
	2	5	" " - - -	" -	" "
	3	4	" mutabile - -	" -	Hempstead "
	4	2	" " - -	" -	" "
	5	8	" " - -	" -	Foreland Point "
	6	1	" Austenii - -	" -	Hempstead "
	7	1	" " - -	" -	" "
	8	2	Potamides margaritaceus -	" -	Isle of Wight.
	9	2	Hydrobia Chastellii - -	" -	Hempstead "
	10	1	Nematura parvula - -	" -	" "
	11	1	Natica - - - -	" -	Isle of Wight.
VII.	1	1	Paludina angulosa - -	" -	"
XXB. Shelf.			SECTION 51.		
I.	1	12	Chara tuberculata - -	Hempstead Beds.	White Cliff Bay, Isle of Wight.
	2	3	Folliculites thalictroides -	" -	Hempstead "
	3	1	" " - -	" -	" "
	4	1	Glyptostrobites - - -	" -	" "
	5	2	Carpolithus ovum - -	" -	" "
	6	4	" ovulum - -	" -	" "
	7	2	" " - -	" -	" "
	8	24	" " - -	" -	" "
	9	1	" thalictroides -	" -	" "
	10	1	" - - - -	" -	" "
	11	1	" - - - -	" -	" "
	12	4	" - - - -	" -	" "
	13	11	" - - - -	" -	" "
	14	1	Candona Forbesii - -	" -	" "
	15	1	" " - - -	" -	Isle of Wight.
	16	1	Cytherideis unicornis - -	" -	"
	17	1	" " - -	" -	"
	18	1	Cytheridea Mulleri - -	" -	"
	19	1	" " - -	" -	"
	20	1	" " - -	" -	"
	21	–	" - - -	" -	"
II.	1	2	Ostrea callifera - - -	" -	Hempstead, I. of Wight.
	2	1	Modiola Nystiana - - -	" -	" "
	3	1	" " - - -	" -	" "
	4	2	" Prestwichii - -	" -	" "
	5	2	Unio Austenii - - -	" -	" "
	6	3	" Gibbsii - - -	" -	" "
	7	4	" " - - -	" -	Isle of Wight.
	8	1	Cyrena semistriata - -	" -	Hempstead "
	9	1	" " - - -	" -	" "
	10	1	" " - - -	" -	" "
	11	6	" " - - -	" -	" "
	12	1	" " - - -	" -	" "
	13	1	" " - - -	" -	Isle of Wight.

se.	Tablet.	Specimen.	Name.	Formation.	Locality.
B. elf.			SECTION 51.		
I.	14	1	Cyrena aurora - - -	Hempstead Beds.	Hempstead, I. of Wight.
	15	1	" " - - -	" -	" "
	16	1	" " - - -	" -	" "
	17	1	" " - - -	"	" "
I.	1	1	Cyclas Bristovi - - -	" -	" "
	2	1	Cytherea incrassata - -	" -	" "
	3	2	Venus Lyellii - - -	" -	Isle of Wight.
	4	18	Corbula pisum - - -	" -	Hempstead. "
	5	9	" " - - -	" -	Isle of Wight.
	6	–	" " - - -	" -	Hempstead "
	7	10	" Vectensis - -	" -	Isle of Wight.
	8	20	" " - - -	" -	Hempstead "
	9	–	" " - - -	" -	" "
	10	4	Panopæa minor - - -	" -	" "
	11	2	" " - - -	" -	" "
	12	2	" " - - -	" -	" "
	13	1	Planorbis ellipticus - -	" -	" "
	14	1	" " - - -	" -	" "
	15	4	" " - - -	" -	" "
	16	1	" " - - -	" -	" "
	17	2	" " - - -	" -	" "
	18	2	" obtusus - - -	" -	" "
	19	1	Neritina planulata - -	" -	" "
	20	4	" tristis - - -	" -	" "
	21	3	Paludina lenta - - -	" -	" "
	22	1	" " - - -	" -	" "
	23	1	" " - - -	" -	" "
	24	1	" - - - -	" -	" "
V.	1	15	Melania muricata - -	" -	" "
	2	4	" " - - -	" -	" "
	3	1	" " - - -	" -	" "
	4	3	" " - - -	" -	Isle of Wight.
	5	1	" " - - -	" -	"
	6	5	" " - - -	" -	"
	7	3	" fasciata - - -	" -	Hempstead "
	8	1	" " - - -	" -	"
	9	3	" inflata - - -	" -	Isle of Wight.
	10	1	" " - - -	" -	"
	11	10	" " - - -	" -	Hempstead "
	12	6	" " - - -	" -	" "
	13	12	" " - - -	" -	" "
	14	1	" Forbesii - - -	" -	" "
	15	1	" " - - -	" -	" "
	16	3	" " - - -	" -	Isle of Wight.
	17	1	" turritissima - -	" -	"
	18	24	" " - - -	" -	"
	19	2	Melanopsis subulata - -	" -	Hempstead "
	20	1	" carinata - -	" -	" "
	21	12	" subcarinata - -	" -	" "
	22	21	Cerithium plicatum - -	" -	Isle of Wight.
	23	11	" " - -	" -	Hempstead "
	24	6	" " - -	" -	" "

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXB.			SECTION 51.		
Shelf. IV.	25	2	Cerithium plicatum - -	Hempstead Beds.	Hempstead, I. of Wight.
	26	8	" " - -	" -	" "
	27	12	" " - -	" -	" "
	28	1	" elegans - -	" -	" "
	29	1	" " - - -	" -	" "
	30	5	" " - - -	" -	" "
	31	6	" " - - -	" -	Isle of Wight.
	32	2	" " - - -	" -	Hempstead "
	33	20	" - - - -	" -	" "
	34	4	" trizonatum - -	" -	" "
	35	1	" tricinctum - -	" -	"
	36	1	" Sedgwicki - -	" -	Isle of Wight.
	37	1	" inornatum - -	" -	Hempstead "
	38	5	" " - -	" -	Isle of Wight.
	39	3	" semicostellatum -	" -	
	40	1	Potamides margaritaceus -	" -	Hempstead "
V.	1	1	Hydrobia pupa - - -	" -	" "
	2	30	" " - - -	" -	" "
	3	33	" " - - -	" -	" "
	4	12	" Chastellii - -	" -	" "
	5	20	" " - -	" -	" "
	6	1	" " - -	" -	" "
	7	1	" " - -	" -	" "
	8	27	" " - -	" -	" "
	9	30	Nematura parvula - -	" -	" "
	10	6	Natica labellata - - -	" -	" "
	11	2	" " - - -	" -	" "
	12	2	Voluta Rathieri - - -	" -	" "
	13	1	" - - - -	" -	" "
	14	1	Fusus Edwardsii - - -	" -	Isle of Wight.
VII.	1	1	Paludina lenta - - -	" -	Hempstead "
	2	1	Cyrena semistriata, Cerithium plicatum	" -	" "

UPPER GALLERY.

CAINOZOIC DIVISION.

MIOCENE SERIES. (Wall Case 21.)

M.—MIOCENE GROUP. SECT. III.—WALL CASE XXI.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
			SECTION 52.		
XXI. Shelf. I.	1	1	Sabal major [1]	Miocene	Isle of Wight.
	2	1	" [1]	"	Hempstead, I. of Wight.
	3	8	Carpolithes Websteri [1]	"	" "
	4	1	" " [1]	"	" "
	5	2	" " [1]	"	" "
	6	1	" " [1]	"	" "
	7	1	" globulus [1]	"	" "
	8	1	" " [1]	"	" "
	9	3	Nymphæa Doris [1]	"	" "
	10	1	" " [1]	"	" "
	11	2	" " [1]	"	" "
	12	1	" " [1]	"	" "
	13	1	" " [1]	"	" "
	14	1	Cyperites Forbesii [1]	"	" "
	15	2	" " [1]	"	" "
	16	1	Chara Esheri [1]	"	" "
	17	1	" " [1]	"	" "
	18	1	" " [1]	"	" "
	19	1	" " [1]	"	" "
II.	1	4	Nelumbium Buchii [1]	"	" "
	2	1	" " [1]	"	" "
	3	1	" " [1]	"	" "
	4	1	" " [1]	"	" "
	5	1	Ficus [1]	"	Isle of Wight.
	6	1	Eugenia Hookeri [1]	"	"
	7	1	Diospyros [1]	"	"
	8	1	Sequoia Couttsiæ [1]	"	Hempstead, I. of Wight.
	9	1	" " [1]	"	" "
	10	2	" " [1]	"	" "
	11	2	" " [1]	"	" "
	12	1	" " [1]	"	" "
	13	1	" " [1]	"	" "
III.	1	5	Cinnamomum lanceolatum [1]	"	Bovey Tracey.
	2	3	" " [1]	"	"
	3	1	" " [1]	"	"
	4	2	" Rossmassleri [1]	"	"

[1] Presented by Miss Burdett Coutts.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXI. Shelf. III.			SECTION 52.		
	5	1	Cinnamonum Rossmassleri [1]	Miocene	Bovey Tracey.
	6	4	" Scheuchzeri [1]	"	"
	7	1	" " [1]	"	"
	8	1	Daphnogene Ungeri [1]	"	"
	9	1	" " [1]	"	"
	10	5	Quercus Lyellii [1]	"	"
	11	2	" " [1]	"	"
	12	2	" " [1]	"	"
	13	1	" " [1]	"	"
	14	2	Ficus Falconeri [1]	"	"
	15	3	" eucalyptoides [1]	"	"
	16	1	" Pengellyi [1]	"	"
	17	1	" " [1]	"	"
	18	1	Eucalyptus oceanicus [1]	"	"
	19	1	" " [1]	"	"
	20	1	Laurus primigenia [1]	"	"
	21	1	" " [1]	"	"
IV.	1	2	Pecopteris lignitum [1]	"	"
	2	1	" " [1]	"	"
	3	1	" " [1]	"	"
	4	4	" " [1]	"	"
	5	1	" " [1]	"	"
	6	3	" " [1]	"	"
	7	3	" " [1]	"	"
	8	9	" " [1]	"	"
	9	1	" " [1]	"	"
	10	3	Aspidium lignitum [1]	"	"
	11	1	Andromeda vaccinifolia [1]	"	"
	12	1	" " [1]	"	"
	13	1	" reticulata [1]	"	"
	14	1	Echitonium cuspidatum [1]	"	"
	15	1	Nymphœa Doris [1]	"	"
	16	1	" " [1]	"	"
	17	3	Lastræa Stiriaca [1]	"	"
	18	1	" " [1]	"	"
	19	2	Eugenia Hœringiana [1]	"	"
	20	1	Pterocarya denticulata	"	"
	21	1	Vaccinium acheronticum [1]	"	"
	22	3	Dryandroides lævigata [1]	"	"
V.	1	1	Vitis fructus [1]	"	"
	2	1	" Britannica [1]	"	"
	3	1	" [1]	"	"
	4	3	Nyssa Europea [1]	"	"
	5	2	" microsperma [1]	"	"
	6	1	" striolata [1]	"	"
	7	1	" lævigata [1]	"	"
	8	1	" aquatica [1]	"	"
	9	1	" " [1]	"	"
	10	3	Gardenia Wetzleri [1]	"	"
	11	2	" " [1]	"	"

[1] Presented by Miss Burdett Coutts.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXI. Shelf.			SECTION 52.		
V.	12	1	Cælastrus pseudo-ilex [1] -	Miocene -	Bovey Tracey.
	13	6	Palmacites Dæmonorops [1] -	" -	"
	14	3	Sequoia Couttsiæ [1] - -	" -	"
	15	7	" " [1] - -	" -	"
	16	1	" " [1] - -	" -	"
	17	8	" " [1] - -	" -	"
	18	1	" " [1] - -	" -	"
	19	12	" " [1] - -	" -	"
	20	8	Carpolithes nitens [1] - -	" -	"
	21	4	" " [1] - -	" -	"
	22	1	" " [1] - -	" -	"
	23	2	" Boveyanus [1] -	" -	"
	24	10	" Kaltennordheimensis [1] -	" -	"
	25	1	" vinaceus [1] -	" -	"
	26	2	" membranaceus [1]	" -	"
	27	1	" exaratus [1] -	" -	"
	28	2	Sphæra lignitum [1] - -	" -	"
	29	1	Cyperites deperditus [1] -	" -	"
	30	2	Anona Devonica [1] - -	" -	"
	31	1	" cyclosperma [1] - -	" -	"
VI.	1	2	Platanus aceroides [2] - -	" -	Ardtun, Isle of Mull.
	2	1	" " [2] - -	" -	" "
	3	2	" [2] - - - -	" -	" "
	4	2	" [2] - - - -	" -	" "
	5	2	" [2] - - - -	" -	" "
	6	3	" [2] - - - -	" -	" "
	7	3	" [2] - - - -	" -	" "
	8	1	Sequoia longifolia [2] - -	" -	" "
	9	2	Equisetum [2] - - -	" -	" "
	10	1	Filicites Hebridicus [2] - -	" -	" "
	11	1	" [2] - - - -	" -	" "
	12	1	Rhamnites major [2] - -	" -	" "
	13	1	Corylus grossedentata [2] -	" -	" "
	14	1	" crassidentata [2] -	" -	" "
	15	1	" [2] - - - -	" -	" "
	16	1	Berchemia multinervis [2] -	" -	
VII.	1	1	Pecopteris lignitum (root) -	" -	
	2	1	" " " -	" -	
	3	1	" " " -	" -	

[1] Presented by Miss Burdett Coutts. [2] Presented by the Duke of Argyll.

UPPER GALLERY.

CAINOZOIC DIVISION.

PLIOCENE SERIES. (Wall Cases 22 to 23 B.)

N.—OLDER PLIOCENE GROUP. SECT. III.
WALL CASES XXII., XXIII.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
			SECTION 53.		
XXII. Shelf. I.	1	1	Scyphia vellulosa - - -	Coralline Crag.	Suffolk.
	2	4	Balanophyllia calyculus -	" -	
	3	7	" - - -	" -	Ipswich.
	4	17	" - - -	" -	"
	5	6	Sphenotrochus intermedius -	" -	Suffolk.
	6	3	Cryptangia Woodii - -	" -	
	7	1	Comatula Brownii [1] - -	" -	Sutton.
	8	5	" Woodwardi [1] -	" -	"
	9	4	Echinus " - -	" -	"
	10	4	" " [1] - -	" -	
	11	3	" " [2] - -	" -	Diss, Norfolk.
	12	1	" " - -	" -	Orford, Suffolk.
	13	1	" " - -	" -	Sutton.
	14	1	" " - -	" -	Walton on Naze.
	15	1	" " - -	" -	"
	16	1	" Charlesworthii [1] -	" -	Ramsholt.
	17	4	Echinocyamus oviformis [1] -	" -	Sutton.
	18	1	" hispidulus [1] -	" -	Ramsholt.
	19	4	Temnechinus excavatus ..	" -	Sutton.
	20	2	" " [1] -	" -	Ramsholt.
	21	1	" melocactus [1] -	" -	"
	22	1	" globosus [1] -	" -	"
	23	1	Spatangus reginæ [2] - -	"	Orford, Suffolk.
	24	1	" " - -	" -	
	25	1	Brissus Scillæ [4] - - -	" -	Iken.
	26	1	" " [2] - - -	" -	Alboro'.
II.	1	5	Balanus tintinnabulum [1] -	" -	Sutton.
	2	4	" " -	" -	
	3	20	Scalpellum - - - -	" -	
	4	1	Eschara - - - -	" -	Orford, Suffolk.
	5	1	" - - - - -	" -	" "
	6	2	" - - - - -	" -	Sutton.
	7	1	Cellaria crassa - - -	" -	
	8	2	Lunulites - - - -	" -	
	9	1	Cellepora - - - -	" -	

[1] Presented by S. V. Wood, Esq.
" J. Brown, Esq.
[2] Presented by Lieut.-Col. H. Alexander.
[4] " Sir E. H. Bunbury, Bart., M.P.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXII. Shelf.			SECTION 53.		
II.	10	3	Theonoa globosa - - -	Coralline Crag.	Aldborough, Suffolk.
	11	3	Fascicularia aurantium -	" -	Suffolk.
	12	1	Hornera striata - - -	" -	"
	13	1	" - - - - -	" -	
III.	1	4	Terebratula grandis - -	" -	
	2	2	" " - -	" -	
	3	1	" " - -	" -	
	4	1	" " [1] - -	" -	
	5	2	Ostrea edulis [1] - - -	" -	
	6	3	" " - - -	" -	
	7	5	" - - - - -	" -	
	8	2	" - - - - -	" -	
	9	1	" - - - - -	" -	
	10	2	Anomia striata [1] - - -	" -	Walton.
	11	2	Pecten maximus - - -	" -	Sutton.
	12	8	" Gerardii - - -	" -	
	13	1	" dubius [1] - - -	" -	
	14	5	" tigrinus [1] - - -	" -	
	15	4	" - - - - -	" -	
	16	4	" - - - - -	" -	
	17	2	" - - - - -	" -	
	18	2	" - - - - -	" -	
	19	1	" - - - - -	" -	
	20		- - - - -	" -	
IV.	1	11	Limopsis aurita - - -	" -	
	2	2	" " - - -	" -	Codgrave.
	3	4	" pygmæa - -	" -	Sutton.
	4	8	Pectunculus glycimeris [1] -	" -	
	5	4	" " -	" -	
	6	3	Cardium edule - - -	" -	
	7	1	" Grœnlandicum -	" -	Sutton.
	8	2	" decorticatum - -	" -	
	9	2	" elongatum - -	" -	
	10	5	" - - - -	" -	
	11	6	" - - - -	" -	
	12	4	Diplodonta digitaria - -	" -	
	13	5	" rotundata [1] - -	" -	
	14	7	Lucina rudula - - -	" -	
	15	6	" crenulata - - -	" -	
	16	5	Montacuta truncata - -	" -	
	17	5	Astarte pygmæa - - -	" -	Sutton.
	18	6	" parva - - -	" -	"
	19	13	" pisiformis - -	" -	
	20	9	" bipartita [1] - -	" -	Sudbourn
	21	7	" obliquata - - -	" -	Sutton.
	22	9	" " - - -	" -	Beaumont
	23	22	" mutabilis - - -	" -	
	24	8	" Omalii - - -	" -	
	25	6	" " - - -	" -	Sutton.

[1] Presented by S. V. Wood, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXII.			SECTION 53.		
Shelf. IV.	26	5	Astarte	Coralline Crag.	
	27	6	"	"	
	28	3	"	"	Sutton.
	29	2	" [1]	"	
	30	7	Cardita senilis [1]	"	Sutton.
	31	10	" orbicularis	"	
V.	1	2	Cyprina Islandica	"	
	2	4	" "	"	Ramsholt.
	3	4	" rustica [1]	"	
	4	5	" "	"	
	5	6	Cytherea apicalis	"	
	6	4	Venus casina	"	Sutton.
	7	3	" "	"	
	8	5	" ovata	"	
	9	9	Artemis lentiformis [1]	"	
	10	3	Solen ensis [1]	"	
	11	1	Mya truncata	"	
	12	1	Glycimeris angusta	"	Sutton.
	13	5	Sphenia cylindrica	"	
	14	2	Panopæa Faujassii	"	Sutton.
	15	2	" "	"	
	16	3	Thracia inflata [1]	"	
	17	2	Nucula Cobboldiæ [1]	"	
	18	7	" nucleus	"	
	19	6	Leda lanceolata	"	
VI.	1	2	Bulla cylindracea	"	Sutton.
	2	6	Cæcum mammillatum [1]	"	"
	3	6	Adeorbis pulchralis	"	"
	4	6	Trochus obconicus	"	"
	5	3	"	"	Ipswich.
	6	14	"	"	"
	7	2	Aporrhais pes-pelicani	"	
	8	3	Cerithium tricinctum	"	
	9	6	" adversum [1]	"	Sutton.
	10	4	" tuberculare	"	"
	11	4	" trilineatum	"	"
	12	11	Scalaria clathratula	"	"
	13	1	" Grœnlandica	"	
	14	5	" foliacea	"	
	15	8	" subulata	"	
	16	8	Turritella incrassata [1]	"	
	17	4	Chemnitzia densecostata	"	Sutton.
	18	3	Eulima subulata	"	"
	19	4	Odostomia plicata	"	"
	20	6	Pyramidella læviuscula	"	"
	21	1	Erato Maugeriæ [1]	"	"
	22	24	Cypræa Europæa	"	Ipswich.
	23	12	" "	"	"
	24	9	" "	"	"

[1] Presented by S. V. Wood, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
			SECTION 53.		
XXII. Shelf. VI.	25	6	Cypræa avellana	Coralline Crag.	Ipswich.
	26	1	" "	"	
	27	3	Voluta Lamberti	"	Sutton.
	28	1	" "	"	"
	29	2	Pleurotoma semicolon	"	"
	30	6	Nassa reticosa	"	Walton-on-Naze.
	31	3	Ringicula ventricosa	"	
	32	7	" buccinea	"	Sutton.
	33	4	Terebra inversa [1]	"	
	34	1	Trophon gracile	"	Walton-on-Naze.
	35	1	" costiferum	"	"
	36	1	" alveolatum	"	
	37	3	" consociale [1]	"	
			SECTION 54.		
XXIII. Shelf. I.	1	1	Wood [1]	Red Crag	
	2	1	" [1]	"	Sutton.
	3	1	Balanophyllia	"	Ipswich.
	4	4	Comatula	"	Suffolk.
	5	6	Echinocyamus Suffolciensis [1]	"	Walton-on-Naze,
	6	13	" pusillus [1]	"	Alderton, Suffolk.
	7	1	Balanus	"	
	8	1	"	"	
	9	2	"	"	
	10	1	"	"	
	11	2	Polyzoon	"	
	12	3	Terebratula grandis	"	
II.	1	2	Anomia patelliformis [1]	"	
	2	10	Pecten opercularis	"	Walton.
	3	5	" "	"	
	4	8	"	"	
	5	5	"	"	
	6	1	"	"	Orford, Suffolk.
	7	1	Lima Loscombii	"	
	8	3	Mytilus edulis [1]	"	Sutton.
	9	1	Pectunculus glycimeris	"	"
	10	4	" "	"	Walton-on-Naze.
	11	2	" "	"	"
	12	3	Arca	"	"
	13	3	Cardium Parkinsoni [1]	"	
	14	1	" "	"	Walton-on-Naze.
	15	1	" "	"	"
	16	3	" angustatum	"	Sutton.
	17	2	" " [1]	"	"
	18	4	" edule [1]	"	
III.	1	7	Lucina borealis	"	Walton-on-Naze.
	2	6	" "	"	"

[1] Presented by S. V. Wood, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXIII. Shelf. III.			SECTION 54.		
	3	6	Diplodonta astartea [1] - -	Red Crag -	
	4	10	Astarte obliquata - - -	" -	
	5	5	" Omalii - - -	" -	
	6	9	" " - - -	" -	Sutton.
	7	1	" " - - -	" -	
	8	5	Cardita senilis - - -	" -	Sutton.
	9	9	" chamæformis - -	" -	Walton-on-Naze.
	10	2	" - - - -	" -	"
	11	2	Cytherea [1] - - - -	" -	
	12	2	Petricola laminosa [1] - -	" -	
	13	2	Venus casina - - -	" -	Sutton.
	14	5	" " - - -	" -	"
	15	6	Mactra arcuata [1] - -	" -	
	16	4	" " - - -	" -	
	17	4	" solida - - -	" -	
	18	4	" ovalis - - -	" -	Walton-on-Naze.
	19	6	Tellina crassa [1] - -	" -	
	20	8	" ovata - - -	" -	
	21	4	" " - - -	" -	
	22	8	" obliqua - - -	" -	Beamont.
	23	5	" - - - -	" -	
	24	3	" - - - -	" -	
IV.	1	3	Solen - - - - -	" -	
	2	3	Mya arenaria - - -	" -	Sutton.
	3	2	" " [1] - - -	" -	
	4	8	" ovalis [1] - - -	" -	Walton-on-Naze.
	5	8	Corbula - - - -	" -	"
	6	1	Pholas crispata - - -	" -	Hasboro'.
	7	2	" " - - -	" -	Walton-on-Naze.
	8	1	" " [2] - - -	" -	
	9	3	" cylindrica [1] - -	" -	
	10	3	Actæon Noæ [1] - - -	" -	Walton-on-Naze.
	11	5	Conovulus pyramidalis [1] -	" -	"
	12	5	Dentalium costatum - -	" -	Sutton.
	13	8	" - - - -	" -	
	14	1	Emarginula crassa [1] - -	" -	
	15	10	" fissura - -	" -	Walton-on-Naze.
	16	3	Tectura virginea - -	" -	Sutton.
	17	4	Fissurella Græca [1] - -	" -	"
	18	7	Trochus papillosus [1] - -	" -	"
	19	2	" cineroides - -	" -	
	20	11	" Adansoni [1] - -	" -	
	21	2	Cerithium tricinctum - -	" -	Walton.
V.	1	2	Littorina littorea [1] - -	" -	
	2	3	Turritella imbricataria - -	" -	Walton on Naze.
	3	1	" " - -	" -	"
	4	7	Calyptræa Chinensis - -	" -	"
	5	3	Capulus ungaricus - -	" -	
	6	4	" militaris [1] - -	" -	
	7	9	Natica multipunctata - -	" -	Walton on Naze.

[1] *Presented by* S. V. Wood, Esq. [2] Presented by Lieut.-Col. H. Alexander.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXIII. Shelf.			SECTION 54.		
V.	8	1	Natica multipunctata - -	Red Crag -	Walton on Naze.
	9	1	" " - -	" -	"
	10	12	" hemiclausa - -	" -	Sutton.
	11	1	" - - - - -	" -	Walton on Naze.
	12	9	Cypræa Europæa - - -	" -	"
	13	5	" avellana - - -	" -	"
	14	2	Ringicula ventricosa - -	" -	Sutton.
	15	1	Voluta Lamberti - - -	" -	Felixstow.
	16	1	" " - - -	" -	"
	17	1	" " - - -	" -	Walton on Naze.
	18	4	" " - - -	" -	"
	19	3	Clavatula turricula - -	" -	Sutton.
	20	7	" mitrata - -	" -	"
	21	4	Buccinum Dalei - - -	" -	Walton on Naze.
	22	4	" " - - -	" -	"
	23	3	" undatum - -	" -	
	24	4	Columbella sulcata - -	" -	Walton on Naze.
VI.	1	6	Nassa reticosa [1] - - -	" -	
	2	1	" elegans - - -	" -	Walton on Naze.
	3	7	" consociata - - -	" -	Sutton.
	4	2	" prismatica - - -	" -	"
	5	9	" granulata - - -	" -	"
	6	7	" propinqua [1] - -	" -	Walton on Naze.
	7	8	Purpura lapillus - - -	" -	
	8	7	" tetragona - -	" -	Sutton.
	9	1	" " - - -	" -	Walton on Naze.
	10	7	Trophon antiquum - -	" -	"
	11	5	" " - - -	" -	"
	12	2	" " [1] - - -	" -	
	13	1	" gracile - - -	" -	Walton on Naze.
	14	5	" " [1] - - -	" -	
	15	4	" costiferum [1] - - -	" -	
	16	5	" muricatum - - -	" -	Walton on Naze.
	17	5	" scalariforme - -	" -	Sutton.
	18	4	Murex tortuosus - - -	" -	
	19	11	Cancellaria costillifera - -	" -	Sutton.
VII.	1	6	Scalpellum - - - -	Mammaliferous Crag.	
	2	3	Cytherea [1] - - - -	" -	
	3	1	Venus gibbosa [1] - - -	" -	
	4	3	Mactra [1] - - - -	" -	
	5	5	" subtruncata [1] - -	" -	
	6	3	Tellina - - - -	" -	
	7	5	Mya truncata - - -	" -	Aldoro'.
	8	2	" " [1] - - -	" -	Chelsford.
	9	2	" arenaria - - - -	" -	Suffolk.
	10	2	Glycimeris [1] - - -	" -	
	11	2	Pholas [1] - - - -	" -	
	12	10	Nucula Cobboldiæ - -	" -	
	13	1	Leda lanceolata [1] - - -	" -	Chillesford.

[1] Presented by S. V. Wood, Esq.

Pliocene Series. (Wall Cases 22 to 23 b.)

O.—NEWER PLIOCENE GROUP. Sect. III.
Wall Cases XXIIIa., XXIIIb.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXIIIa Shelf. I.			Section 55.		
	1	1	Echinus neglectus [1] - -	Newer Pliocene (Marine).	Clyde.
	2	6	Crustacea (fragments) [1] -	" -	"
	3	1	Serpula [2] - - - -	" -	"
	4	1	Balanus porcatus - - -	" -	Dalmuir.
	5	4	Pollicipes Heari - - -	" -	"
	6	6	Anomia pectiniformis [1] -	" -	Clyde.
	7	2	Pecten Islandicus [1] - -	" -	"
	8	2	" septemradiatus - -	" -	"
	9	1	" opercularis [1] - -	" -	"
	10	3	Mytilus edulis [1] - - -	" -	"
	11	2	Cardium fasciatum [1] - -	" -	Kyle of Bute.
	12	5	Lucina flexuosa [1] - -	" -	Clyde.
	13	1	Astarte arctica [1] - - -	" -	"
	14	1	" sulcata - - -	" -	" and Dalmuir.
	15	10	" " - - -	" -	" "
	16	12	Tellina calcarea - - -	" -	"
	17	5	Cyprina Islandica - - -	" -	" and Dalmuir.
	18	3	" " - - -	" -	Rububach, Bute.
	19	5	Mya truncata [1] - - -	" -	Clyde and Dalmuir.
	20	2	Panopæa Norvegica [1] - -	" -	Kyle of Bute.
	21	6	Saxicava rugosa [1] - -	" -	Clyde and Dalmuir.
	22	4	" " [1] - -	" -	"
	23	1	" " [1] - -	" -	"
	24	3	Leda pernula - - -	" -	"
	25	8	" pygmæa [1] - - -	" -	"
	26	4	" caudata [1] - - -	" -	"
	1	10	Cemoria puncturella [1] - -	" -	Clyde.
	2	10	Lepeta cæca [1] - - -	" -	"
	3	3	Margarita elegantissima - -	" -	"
	4	1	" undulata [1] - -	" -	"
	5	3	Trochus cinerarius - -	" -	" and Gamfield.
	6	4	" tumidus [1] - -	" -	"
	7	3	Aporrhais pes-pelicani - -	" -	Dalmuir.
	8	1	Littorina littoralis [1] - -	" -	Clyde.

[1] Presented by James Smith, Esq. [2] Presented by Prof. J. Morris.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXIIIA Shelf.			SECTION 55.		
II.	9	19	Littorina littorea and rudis [1]	Newer Pliocene (Marine).	Clyde and Dalmuir.
	10	5	" " [1] - - -	" -	" "
	11	4	" palliata - - -	" -	Dalmuir.
	12	3	Lacuna divaricata [1] - -	" -	Clyde and Dalmuir.
	13	10	Hydrobia ventricosa [1] - -	" -	"
	14	9	Velutina undata [1] - - -	" -	" and Dalmuir.
	15	4	Natica clausa [1] - - -	" -	" "
	16	6	" Grœnlandica [1] - -	" -	" and Dalmuir.
	17	5	" " [1] - -	" -	"
	18	3	Fusus clathratus [1] - - -	" -	"
	19	5	" " - - -	" -	" and Dalmuir.
	20	10	" Bamffius [1] - - -	" -	" "
	21	1	" Forbesii - - -	" -	Ballamona, I. of Man.
	22	1	" " - - -	" -	N. Coast "
	23	2	Buccinum undatum [1] - -	" -	Clyde.
	24	7	Mangelia pyramidale [1] - -	" -	"
	25	2	" " [1] - -	" -	"
	26	2	" turricula [1] - -	" -	"
	27	1	Nassa incrassata [1] - - -	" -	"
	28	1	Purpura lapillus [1] - - -	" -	"
	29	2	Cardium edule - - -	" -	Johnstown Dns. Ireland.
	30	3	Venus casina - - -	" -	Glenbrian "
	31	1	Pholas crispata [2] - - -	" -	Wexford Coast "
	32	3	Leda pernula - - -	" -	*a*, Killiney "
					b, Templereany "
	33	3	Scalaria Grœnlandica [2] - -	" -	Wexford Coast "
	34	5	Turritella communis [2] - -	" -	Killiney "
	35	4	" " [2] - -	" -	Wexford "
	36	2	Cypræa lurida [2] - - -	" -	Kilbride, Wicklow "
	37	8	Buccinum undatum [2] - -	" -	Wexford Coast "
	38	2	Nassa reticulata - - -	" -	" "
	39	3	" incrassata [2] - - -	" -	" "
	40	3	" " [2] - - -	" -	Rathaspie "
	41	4	Mangelia turricula [2] - -	" -	Wexford Coast "
	42	7	Purpura lapillus [2] - - -	" -	" "
	43	5	Murex erinaceus - - -	" -	Killiney "
	44	8	Trophon antiquum [2] - -	" -	Wexford Coast "
	45	5	" clathratum [2] - - -	" -	" "
	46	4	" " [2] - - -	" -	" "
	47	1	" Fabricii [2] - - -	" -	Rathaspie "
	48	6	" propinquum - - -	" -	Wexford Coast "
III.	1	7	Cardita scalaris [3] - - -	" -	Bridlington.
	2	8	Astarte compressa - - -	" -	"
	3	9	" Borealis [4] - - -	" -	"
	4	3	" " - - -	" -	"
	5	1	Mactra solida [4] - - -	" -	"
	6	2	Pholas crispata [3] - - -	" -	"

[1] Presented by James Smith, Esq.
[2] Presented by Col. Sir H. James.
[3] " Prof. J. Morris.
[4] " H. C. Sorby, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXIIIA Shelf. III.			SECTION 55.		
	7	2	Nucula borealis [1] - - -	Newer Pliocene (Marine).	Bridlington.
	8	2	Dentalium abyssorum [1] -	" -	"
	9	2	Margarita maculata [1] - -	" -	"
	10	4	" elegantissima -	" -	"
	11	6	Turritella solaris [1] - -	" -	"
	12	4	Clavatula [1] - - - -	" -	"
	13	1	Fusus Gunneri [1] - - -	" -	"
	14	2	Trichotropis borealis [1] - -	" -	"
	15	5	Cancellaria costellifera [1] -	" -	"
	16	2	Ostrea edulis [2] - - -	" -	West Bilney, Norfolk.
	17	1	" " - - - -	" -	" "
	18	4	Cardium edule - - -	" -	" "
	19	2	" " [2] - - -	" -	" "
	20	7	Corbula gibba [3] - - -	" -	" "
	21	5	Aporrhais pes-pelicani [2] -	" -	" "
	22	6	" " [3] -	" -	" "
	23	3	Littorina littorea [2] - -	" -	" "
	24	5	Turritella communis [2] - -	" -	" "
	25	7	Natica Grœnlandica [2] - -	" -	" "
	26	3	Ostrea edulis [4] - - -	" -	Colchester Marshes.
	27	8	Cardium edule - - -	" -	Orford Marshes, Essex
	28	4	Tellina solidula [4] - - -	" -	Orwell.
IV.	1	3	Ostrea edulis - - -	" -	Portsmouth Harbour.
	2	3	" " - - -	" -	Newhaven Hill.
	3	4	" " - - -	" -	Bognor.
	4	1	" " - - -	" -	Pagham, near Bognor.
	5	3	" " - - -	" -	Bognor, Sussex.
	6	1	" " - - -	" -	Portsmouth Harbour.
	7	1	" - - - - -	" -	Bognor.
	8	1	" - - - - -	" -	"
	9	3	Anomia ephippium - -	" -	Portsmouth.
	10	12	Pecten - - - - -	" -	Selsea Bay.
	11	4	" varians - - -	" -	Portsmouth Harbour.
	12	2	Mytilus edulis - - -	" -	" "
	13	4	Cardium edule - - -	" -	" "
	14	12	" " - - -	" -	Bognor.
	15	12	" " - - -	" -	"
	16	8	" " - - -	"	
	17	6	" " - - -	" -	Selsea Bay.
	18	1	" echinatum - -	" -	Bognor.
V.	1	2	Tapes decussata - - -	" -	Bognor, Sussex.
	2	2	" " - - -	" -	" "
	3	2	Venus verrucosa - - -	" -	Portsmouth Harbour.
	4	1	Lutraria rugosa [5] - - -	" -	Bracklesham Bay.
	5	3	Scrobicularia piperata - -	" -	Portsmouth Harbour.

[1] Presented by H. C. Sorby, Esq. [2] Presented by Jos. Trimmer, Esq.
[3] " C. B. Rose, Esq. [4] " J. Brown, Esq.
[5] Presented by S. P. Woodward, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXIIIA Shelf.			SECTION 55.		
V.	6	12	Scrobicularia piperata - -	Newer Pliocene (Marine).	Bognor.
	7	12	" " " - - -	" -	"
	8	2	" " " - - -	" -	"
	9	6	" " " - - -	" -	"
	10	3	" " " - - -	" -	"
	11	12	" " " - - -	" -	Selsea Bay.
	12	4	Tellina crassa - - -	" -	Portsmouth.
	13	4	" baltica - - - -	" -	Bognor.
	14	4	Pholas crispata - - - -	" -	Selsea.
	15	4	" " - - - -	" -	"
VI.	1	30	Limnæa, & Bithinia - - -	" -	Bognor, Sussex.
	2	2	Patella vulgata - - - -	" -	Newhaven Hill, Sussex.
	3	1	Trochus magas - - - -	" -	Portsmouth Harbour.
	4	2	Littorina littorea - - - -	" -	Newhaven Hill.
	5	2	" " - - - -	" -	Bognor.
	6	5	" vulgaris - - - -	" -	Portsmouth.
	7	3	" - - - - -	" -	Bognor.
	8	2	Buccinum undatum - - -	" -	"
	9	1	" " - - -	" -	Selsea Bay.
	10	2	" " - -	" -	Portsmouth Harbour.
	11	3	" " - - -	" -	Newhaven Hill, Sussex.
	12	6	Nassa reticulata - - - -	" -	Portsmouth Harbour.
XXIIIB Shelf.			SECTION 56.		
I.	1	6	Unio tumidus - - - -	Newer Pliocene (Freshwater).	Grays, Essex.
	2	3	" littoralis - - - -	" -	Clacton, Essex.
	3	3	" - - - - - -	" -	Grays "
	4	3	" pictorum - - - -	" -	" "
	5	9	" " - - - -	" -	" "
	6	1	" - - - - - -	" -	" "
	7	2	Anodon - - - - -	" -	" "
	8	3	" - - - - - -	" -	" "
	9	6	Cyrena consobrina - - - -	" -	" "
	10	6	" " - - - -	" -	" "
	11	13	" flumina - - - -	" -	" "
	12	12	" - - - - - -	" -	" "
	13	8	Pisidium - - - - -	" -	" "
	14	4	" - - - - - -	" -	Ilford "
	15	5	Helix - - - - - -	" -	Grays "
	16	2	Ancylus fluviatilis - - -	" -	" "
	17	14	Bithinia tentaculata - - -	" -	" "
	18	1	" " - - - -	" -	Ilford "
	19	1	" (opercula) - -	" -	Grays "
	20	1	Cerithium - - - - -	" -	" "
	21	1	Natica - - - - - -	" -	" "

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXIIIB Shelf. II.			SECTION 56.		
	1	6	Seeds of Chara	Newer Pliocene (Freshwater).	Copford, Essex.
	2	12	Pisidium pusillum	"	" "
	3	10	Clausilia nigricans	"	" "
	4	8	" " [1]	"	" "
	5	8	Pupa marginata	"	" "
	6	10	" "	"	Kennet, near Newbury, Berks.
	7	8	" umbilicata	"	Copford, Essex.
	8	6	Vertigo pusilla	"	" "
	9	6	" alpestris	"	" "
	10	8	" angustior	"	" "
	11	6	" substriata	"	" "
	12	8	" palustris	"	" "
	13	6	" pygmæa	"	
	14	8	" edentula	"	" "
	15	10	Helix sericea	"	" "
	16	10	" aculeata	"	" "
	17	8	" rufescens	"	" "
	18	5	" "	"	" "
	19	10	" hispida	"	" "
	20	12	" "	"	Kennet, near Newbury, Berks.
	21	6	" pulchella	"	" "
	22	12	" "	"	Copford, Essex.
	23	8	" nemoralis [1]	"	" "
	24	5	" lapicida [1]	"	" "
	25	12	" alliaria [1]	"	" "
	26	14	" rotundata	"	" "
	27	10	" fulva	"	" "
	28	12	" lamellata	"	" "
	29	2	" [1]	"	" "
	30	2	" [1]	"	" "
	31	8	" (ova)	"	" "
	32	6	" hortensis	"	
	33	30	" [1]	"	Copford, Essex.
	34	12	Zonites rotundatus	"	" "
	35	12	" crystallinus	"	" "
	36	12	" pygmæus	"	" "
	37	8	" radiatulus	"	" "
	38	6	" cellarius	"	" "
	39	6	" lucidus	"	" "
	40	6	" excavatus	"	" "
	41	6	" alliarius	"	" "
	42	20	Zua lubrica	"	" "
	43	6	" "	"	Kennet, near Newbury, Berks.
	44	16	" " [1]	"	Copford, Essex.
	45	7	" " [1]	"	" "
	46	6	Limnæa pereger	"	Kennet, near Newbury Berks.

[1] Presented by J. Brown, Esq.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXIIIB Shelf.			SECTION 56.		
II.	47	6	Limnæa palustris - - -	Newer Pliocene (Freshwater).	Copford, Essex.
	48	14	" truncatula - -	" -	" "
III.	1	10	Aplexus hypnorum - -	" -	" "
	2	6	Planorbis albus - - -	" -	" "
	3	6	" " - - -	" -	Kennet, near Newbury.
	4	10	" contortus - -	" -	Copford, Essex.
	5	6	" " - - -	" -	Kennet, near Newbury.
	6	10	" spirorbis - -	" -	Copford, Essex.
	7	10	" marginatus - -	" -	" "
	8	6	" imbricatus - -	" -	Kennet, near Newbury.
	9	20	Carychium minimum - -	" -	Copford, Essex.
	10	10	Succinea putris - - -	" -	" "
	11	4	Bithinia tentaculata - -	" -	Kennet, near Newbury.
	12	10	" " - -	" -	Copford, Essex.
	13	6	Valvata cristata - - -	" -	Kennet, near Newbury.
	14	8	" " - - -	" -	Copford, Essex.
	15	8	" piscinalis - - -	" -	Kennet, near Newbury.
	16	20	Acme fusca - - - -	" -	Copford, Essex.
	17	4	Helix hortensis - - -	" -	Tollands Bay.
	18	2	" nemoralis - - -	" -	"
	19	3	" " - - -	"	"
	20	7	" " - - -	"	"
	21	1	" caperata - - -	" -	"
	22	6	" cellaria - - -	" -	"
	23	2	" " - - -	" -	"
	24	3	Succinea putris - - -	" -	"
	25	3	Cyclostoma elegans - -	" -	"
	26	9	" " - -	" -	"
	27	3	" " - -	" -	"

UPPER GALLERY.

CAINOZOIC DIVISION.

RECENT AND POST TERTIARY SERIES. (Wall Case 23B.)

P.—RECENT AND POST TERTIARY GROUP.
SECT. III.—WALL CASE XXIII B.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXIIIB Shelf. IV.			SECTION 56.		
	1	3	Pecten Islandicus [1]	Raised Beaches.	Dodmuir.
	2	6	Mytilus edulis	"	Grey-lake Farm, Somersetshire.
	3	6	Cardium edule	"	" "
	4	14	Tellina solidula	"	" "
	5	5	" "	"	" "
	6	1	Pholas candida	"	" "
	7	1	Patella	"	Caldy Island.
	8	4	" &c.	"	25 ft. above sea (high water) top of Lime Quarry, between White Sands and Rabbit Warren.
	9	2	" vulgata [2]	"	Gunfield point, nr. Rostrevor, Carlingford.
	10	1	Trochus ziziphinus	"	Grey-lake Farm, Somersetshire.
	11	2	Rissoa ulvæ	"	" "
	12	6	Littorina littorea	"	" "
	13	2	" " [2]	"	" "
	14	6	" " [2]	"	Ganfield Point, near Rostrevor, Carlingford Bay.
	15	1	" "	"	" "
	16	6	" littoralis	"	Grey-lake Farm, Somersetshire.
	17	1	" " [2]	"	Ganfield Point, near Rostrevor, Carlingford Bay.
	18	6	Turritella	"	Runcorn.
	19	1	"	"	Hertford.
	20	6	Nassa reticulata	"	Grey lake Farm, Somersetshire.

[1] Presented by Prof. J. Morris. [2] Presented by Sir P. Egerton, Bart.

Case.	Tablet.	Specimen.	Name.	Formation.	Locality.
XXIIIB			SECTION 56.		
Shelf. IV.	21	2	Nassa - - - -	Raised Beaches.	Braunton Beach.
	22		- - - -	" -	Shelly deposit 20–30 ft. above the level of the sea.—Bacon Hole, Glamorganshire.
V.	1	1	[1] - - - -	Peat Beds -	Lisduff Bog in the Barony of Clonmahow, co. Cavan.
	2	1	[1] - - - -	" -	" "
	3	1	[1] - - - -	" -	" "
	4	1	Hazel Nuts [2] - - -	" -	Brook, Isle of Wight.
	5	1	Salix cinerea, &c. [3] - -	" -	Bovey Tracey.
	6	1	" " [3] - - -	" -	"
	7	1	" repens [3] - - -	" -	"
	8	2	" " [3] - - -	" -	"
	9	2	Betula nana [3] - - -	" -	"
	10	1	" " [3] - - -	" -	"

[1] Presented by Miss C. A. Roberts. [2] Presented by Marchioness of Hastings.
[3] Presented by Miss Burdett Coutts.

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